



Environment
Canada

Environnement
Canada

THE C & P INTERNATIONAL AGENDA

OVERVIEWS ON KEY FORA

ADM C&P INTERNATIONAL AGENDA

ISSUE BUSINESS PLANS

Canada



NOVEMBER 1, 1989



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C&P INTERNATIONAL AGENDA

This document deals with the overall action plans of the C&P International Agenda. The document is management and action oriented.

C&P carries out a wide range of international activities either as part of its mandate or in support of Departmental responsibilities.

The Members of the C&P Management Board are continuously faced with a set of basic questions. Some of them are:

- How do these international activities fit all together?
- What are the key international issues to be addressed by C&P and why?
- How do these international activities contribute to C&P domestic programs?
- What are the priority areas?
- Which fora are most suitable to deal with these issues?

This document is the result of C&P Management Board decisions to manage international activities from the Management Board perspective. To that end, a first set of documents was developed concerning:

- The Vision
- The Strategic Directions
- The Management Framework
- The Key Issues to be Addressed.

These planning documents form a self-contained brochure printed separately. They indicate that 17 priority areas/or issues (regrouped under 8 themes) were chosen to constitute the main items of the C&P International Agenda.

For each issue, or agenda item, a Member of the C&P Management Board is accountable and responsible for the preparation of a specific business plan to be presented along an agreed-upon format.

Annex A identifies the selected agenda items and the accountable managers.

To assist the C&P Management Board's monitoring of the International Agenda, overviews on key international fora and an action plan for the ADM international activities are also prepared.

To reflect these decisions, the present document is structured into three components:

- Overviews on Key Intergovernmental Multilateral Fora;
- ADM C&P International Agenda/Action Plan;
- Business Plans for Agenda Items.

ANNEX A

MEMBERS OF C&P MANAGEMENT BOARD ACCOUNTABLE FOR AGENDA ITEMS

<u>AGENDA ITEMS</u>	<u>ACCOUNTABLE MANAGERS</u>	<u>RESPONSIBILITY</u>
<u>ENVIRONMENTAL ACCOUNTABILITY</u>		
State of the Environment Environmental Assessment	Mr. A. Clarke Mr. P. Higgins	HQ DG CWS HQ DG EP
<u>ENVIRONMENTAL LINKAGES</u>		
Sustainable Development Energy for Generations to Come	Mr. A. Clarke Mr. B. Burns	HQ DG IWD RDG Western & Pacific
<u>GLOBAL COMMONS</u>		
Climate/Atmospheric Change Marine	Mr. D. Davis Mr. J. Vollmershausen	HQ DG IWD RDG Atlantic
<u>POLLUTION CONTROLS</u>		
Management of Wastes Accidents/Hazardous Chemicals Management of Chemicals Air Pollution	Mr. P. Higgins Mr. P. Higgins Mr. P. Higgins Mr. P. Higgins	HQ DG EP HQ DG EP HQ DG EP HQ DG EP
<u>RESOURCE MANAGEMENT</u>		
Wildlife Water/Water Ecosystems Northern Ecosystems	Mr. A. Clarke Mr. D. Davis Mr. B. Burns	HQ DG CWS HQ DG IWD RDG Western & Northern
<u>SUMMITS</u>		
Francophonie Commonwealth	Mr. J.P. Gauthier Mr. E. Anthony	RDG Quebec RDG Pacific & Yukon
<u>AREA MULTILATERAL ISSUE</u>		
Pacific Rim	Mr. E. Anthony	RDG Pacific & Yukon
<u>CANADA/U.S. RELATIONS</u>		
Great Lakes	Mr. D. Edgar	RDG Ontario
<u>OVERVIEWS ON INTERGOVERNMENTAL MULTILATERAL FORA</u>		
UNEP/OECD/ECE	Mr. J. Maxwell	Director, Policy
<u>ADM C&P INTERNATIONAL AGENDA</u>	Mr. J. Maxwell	Director, Policy

C&P INTERNATIONAL AGENDA

OVERVIEWS ON KEY INTERGOVERNMENTAL MULTILATERAL FORA

- UNEP

- OECD

- ECE

OVERVIEWS ON KEY INTERGOVERNMENTAL MULTILATERAL FORA

Within the context of Canada's international environmental interests and obligations, three major organizations are the focus of most activities for DOE in general and C&P in particular. They are:

- the United Nations Environment Programme (UNEP);
- the Organisation for Economic Co-operation and Development (OECD); and
- the United Nations Economic Commission for Europe (ECE).

While other multilateral fora (both intergovernmental and non-governmental) exist to which C&P operations also relate, these three fora clearly warrant priority attention. Given their complexity, there is a need for an overview for each of them.

The three overviews are presented in a format that indicates action and involvement by C&P in relation to the seventeen priority areas constituting the C&P International Agenda.

The strategic interests for Canada vary vis-a-vis each of the three organizations, while the overall goal of ensuring a secure global environment is the same for each. Common membership by Canada and other industrial states in all three fora ensure rationalization of activities to serve distinct interest through the variety of capabilities inherent in the organizations' resources.

For UNEP, the thrust of activities is in two directions:

- protection against threats to the global biosphere; and
- the provision of support to less developed countries to ensure that they can address their own immediate environmental problems and those shared with the international community.

OECD, on the other hand, is a forum for states sharing advanced industrialized economies where the thrust is to be mutually supportive in formulating policies for problems unique to such states. In the environmental sphere, OECD, accordingly, concentrates on issues such as:

- economy/environment linkages;
- management of chemicals;
- management of wastes.

ECE offers Canada and C&P the opportunities to cooperate and deal with a significant range of environmental issues. ECE was the principal forum to achieve agreement on the long-range transport of air pollutants. The ECE reinforces Canada's efforts against acid rain, and remains an important focus for C&P activities. Other issues are emerging at ECE to broaden C&P involvement through the newly mandated group of Senior Advisors on Environment and Water Problems (SAEWP).

PART I - UNITED NATIONS ENVIRONMENT PROGRAMME (UNEP)

PART I - UNITED NATIONS ENVIRONMENT PROGRAMME (UNEP)

INTRODUCTION

UNEP is clearly relevant to Canada, DOE and C&P.

- It facilitates co-operative efforts with both developed and developing countries on matters of global, regional and national environmental concern.
- It provides the broadest possible multilateral channel, through the UN system-wide environment programme, for elaborating world community strategies in the management of the global environment.
- It offers developed countries co-operative links with less developed countries (LDC) for combating such Third World problems as deforestation and land degradation.

THE C&P ACTION AGENDA

State of the Environment Reporting

- Maintain links with the UNEP process of preparing periodic world environment reports and topical reports on emerging environmental issues, so that exchanges of information and experience can benefit both the UNEP and the Canadian system of state of the environment reporting.
- Participate in UNEP's preparation for both the 1991 reports on municipal waste and on the ecological situation in the Arctic.
- Initiate participation in UNEP's efforts to assist several LDCs in the preparation of national state of the environment reporting.

Environmental Assessment

- Expand participation in the joint WHO/UNEP GEMS/Water Programme for assessing global water quality.
- Contribute expertise and provide other forms of support to the projects for the improvement and harmonization of environmental measurements.
- Provide expertise to support the UNEP's Global Resources Information Database (GRID); in particular, pursue potential for locating the North American operational GRID node in Canada.
- Contribute expertise to UNEP's programme for assisting LDCs in Geographic Information System (GIS) technology.

- Continue support for UNEP's activities related to INFOTERRA and the International Register of Potentially Toxic Chemicals (IRPTC) in the interest of collecting and disseminating scientific and technical information pertinent to the improved assessment and management of the environment.

Sustainable Development

- Maintain links with the UNEP process for following up international action on the Brundtland Commission Report and the Environmental Perspective to the Year 2000 and Beyond so that appropriate and effective C&P involvement can be planned and executed.
- Articulate specific proposals to collaborate with UNEP in its programme for assisting LDCs to integrate environmental aspects in their development planning for the achievement of sustainable development.
- Explore possible forms of collaboration in UNEP's programme on Environmental Awareness which, among other things, assists in training nationals of LDCs in different fields of environment and natural resource management and, in its sub-programme on Public Information, develop communication programmes to deal with priority issues.
- Cooperates with NGOs, the media and outreach groups to foster understanding and acceptance of the need for sustainable development.
- Collaborate in promoting the implementation of the UN/IUCN World Conservation Strategy II.
- Support UNEP/IUCN efforts to assist LDCs prepare national conservation strategies.

Energy

- Initiate and maintain links with the UNEP studies programme on the environmental impacts of energy systems and UNEP activities to support LDCs integrate environmental considerations into national energy policy, planning and development.

Climate/Atmospheric Change

- Continue participation, in collaboration with AES,
 - . in follow-up to the UNEP-initiated Vienna Convention and Montreal Protocol on protection of the ozone layer,
 - . in work of the joint WHO/UNEP Intergovernmental Panel on Climate Change (IPCC) for the elaboration of a framework convention on climate change; and,
 - . in work of the joint UNEP/WHO World Climate Impact Studies Programme (WCIP).

Marine

- Continue work on Canadian implementation of the UNEP-sponsored Montreal Guidelines on the protection of the marine environment against pollution from land-based sources.
- Initiate links with selected regions of UNEP's Regional Seas programme in support of efforts to improve the management of coastal areas.
- Initiate and maintain links with UNEP-led initiative to develop a globally coordinated programme for monitoring the quality of the marine and coastal environments (with the UN system-wide activities of the IOC, WHO, WMO, IMO and IAEA).
- Maintain links with work of UNEP co-sponsored GESAMP (Group of Experts on the Scientific Aspects of Marine Pollution) jointly sponsored with IMO, FAO, UNESCO, IAEA and UN).

Management of Wastes

- Participate in follow-up to adoption of the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes.
- Contribute to international implementation measures through membership in technical/legal working groups and provision of expertise to assist LDCs in their efforts to implement the Basel Convention.

Accidents/Hazardous Chemicals

- Participate in development and implementation of UNEP's APELL programme (Awareness and Preparedness for Emergencies of the Local Level).
- Join a network being established of organizations and experts to facilitate the exchange of information and technology for the prevention of industrial accidents and to provide assistance in case of emergencies.
- Present position to UNEP regarding a decision at the 15th Governing Council Session to assess the need for, and possible objectives, scope and functions of, a United Nations Centre for urgent environmental assistance.

Management of Chemicals

- Participate in follow-up to adoption at 15th UNEP Governing Council session of the incorporation of the principle of prior informed consent in the London Guidelines for the Exchange of Information on Chemicals in International Trade (entailing monitoring implementation of the Guidelines and considering possible further need for a convention).
- Collaborate with UNEP in strengthening the capacity of the International Register of Potentially Toxic Chemicals (IRPTC) to achieve its expanded mandate in assisting LDCs and serving new demands related to the Basel Convention and the London Guidelines.
- Collaborate with Health and Welfare in support of the WHO/ILO/UNEP International Programme on Chemical Safety (IPCS).

Air Pollution

- Maintain links with AES with operations of WMO/UNEP Background Air Pollution Monitoring Network (BAPMoN),
- Continue participation in UN fora on activities for controlling air pollutants.

Wildlife

- Participate in preparation, authorized at UNEP'S 15th Governing Council session, of an international legal instrument of the biological diversity of the planet (without necessarily supplanting existing agreements).
- Consider hosting at least one meeting of expert working group sessions.
- Continue participation in UNEP-linked conventions, in particular, CITES and Wetlands.
- Continue to review conduct of conventions in which Canada is not a party such as the Convention of Migratory Species of Wild Animals (CMS).
- Collaborate, where appropriate, in UNEP activities that provide training and other forms of support to LDCs in wildlife management.

Water/Water Systems

- Continue, as noted in section on Environmental Assessment, with work on the UNEP/WHO water quality monitoring programme (GEMS/Water) to extend Canadian leadership and coordination in a revitalized programme that will provide global trend data on toxic rain, acid rain, and climate change impacts on water quality.
- Collaborate with UNEP on multidisciplinary programmes for the environmentally sound management of international water systems.
- Collaborate in assisting LDCs to strengthen their institutional capabilities for the provision, maintenance and management of drinking water and sanitation on a sustainable basis.

Northern Ecosystems

- Maintain links with UNEP and UN systems of global environmental data collection pertinent to northern polar ecosystems. UNEP will present a report in 1991 on the ecological situation in the Arctic.

MAJOR EVENTS

Preparations for the 1992 UN Conference on Environment and Development

- UN/ECE Regional Conference on Action for a Common Future
Bergen, May 8-16, 1990
- First Preparatory Committee (PREPCOM) Meeting
(tentatively, Nairobi, June 1990)
- Second, third and fourth PREPCOM Meetings
(venues and exact dates to be determined)
- UN Conference on Environment and Development
(Brazil is proposed venue, duration of two weeks proposed to coincide with World Environment Day June 5, 1992)

UNEP Governing Council Sessions

- Special Session, June 1990 (3 days)
Nairobi, coinciding with first PREPCOM meeting in view of expectation that UNEP Governing Council, open to all, will be designated the PREPCOM for the 1992 Conference
- Sixteenth Session
Nairobi, 1991

Meetings Related to UNEP-linked Initiatives

- Parties to the Montreal Protocol
London, May 1990
- Experts on Chemicals in International Trade
Europe, February 1990
- Experts on Biological Diversity
(venues to be determined for meetings in November 1989 and March 1990, the latter offering Canada an opportunity to host)
- IPCC Working Group meetings (various) with interim report scheduled for completion no later than October 1990

PART II - ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT (OECD)

PART II - ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT (OECD)

INTRODUCTION

The OECD Environment Committee provides a forum for the advanced industrial states to examine, develop and harmonize strategies and policies in addressing environmental problems of common concern.

The priorities for the 1990 programme embrace areas in which OECD members have a unique stake and to which their combined capabilities can contribute significantly. The 1990 programme will focus on the economics of sustainable development, environment/economy linkages, climate change, chemicals control, cooperation with developing countries, waste minimization and clean technologies.

THE C&P ACTION AGENDA

State of the Environment Reporting

- Continue to support Departmental participation in Group on the State of the Environment whose work in 1990 will focus on completion of the Third OECD SOE Report on the situation in member countries. The report will review environmental achievements from 1970 to 1990, identify remaining or new environmental concerns to be treated and relate its major findings to broader economic and international issues.

Environmental Assessment

- Initiate direct participation to follow up work undertaken jointly in 1982 by the Development Assistance Committee (DAC) and the Environment Committee through the Ad Hoc Group on Environmental Assessment and Development Assistance. The work led to recommendations adopted by OECD in 1985 and 1986 on environmental assessment of development assistance projects and programmes and on measures required to facilitate the environmental assessment of development assistance projects and programmes.
- Assess, in the light of OECD findings and Canadian aid requirements, how C&P can collaborate in ensuring environmental sustainability in aid projects abroad.

Sustainable Development

- Participate, in collaboration with CPG, with the Group of Economic Experts working on the Economy and Environment programme, particularly on the project "Economics of Sustainable Development". Among other things, the project will investigate macro-economic policies needed to promote sustainable development.

Energy

- Maintain effective liaison, through CPG, with work of the Group on Energy and Environment and OECD's International Energy Agency (IEA) particularly on the project "Better Integration of Energy and Environmental Policies", which will include an examination of alternative environmental or energy policy options that might help reduce adverse effects.

Climate/Atmospheric Change

- Contribute to the project on "Global Climate Change: Factors, Impacts and Options", through the Group on Energy and Environment and Group of Economic Experts. OECD work is integrated in the IPCC programme and focuses on issues where OECD has the most expertise, i.e., socio-economic impacts, energy/climate relationships and response policies.

Marine

- Participate in the Group on Natural Resource Management particularly in work on project "Policy Integration", which includes the integration of environmental considerations into coastal zone management.

Management of Wastes

- Continue participation in Waste Management Policy Group, particularly in the project "Waste Management" related to an international system for controlling transfrontier movements, waste minimization, and to such issues as urban waste management, waste incineration and contaminated soils.

Accidents/Hazardous Chemicals

- Participate in continuing work of Ad Hoc Group of Experts on Accidents Involving Hazardous Substances designed to promote the improvement in member countries of the prevention of and response to accidents involving harmful substances.

Management of Chemicals

- Continue participation in work of Chemicals Group and in projects "Co-operation on Existing Chemicals", "Chemicals Data", "Chemicals Assessment", "Chemicals Risk Management", and "Environmental Aspects of Biotechnology".

Air Pollution

- Participate in work of Air Management Policy Group and in project aimed at developing control strategies, guidelines and policies with particular emphasis on motor vehicles, hazardous air pollutants and combined air pollution strategies.

Wildlife

- Liaise with the Group of Economic Experts concerning the project on "Economic Barriers to Sound Environmental and Resource Management", which includes work on the approaches to quantify, in monetary terms, the benefits of conserving natural resources and wetlands.

MAJOR EVENTS/MILESTONES

- 1989: 48th and 49th Sessions of Environment Committee
- 1989: Release of OECD Environmental Data Compendium
- 1990: 50th Session of Environment Committee, 20th Anniversary of Environment Committee Symposium
- 1990: Canada/U.S.A. hosting OECD Workshop on Emergency Preparedness
- 1990: Workshop on the general review of the Existing Chemicals Programme
- 1991: Meeting of Environment Committee at Ministerial level
- 1991: Release of OECD SOE Report
- 1991: Publication of Report on Coastal Zone Management

PART III - UNITED NATIONS/ECONOMIC COMMISSION FOR EUROPE (ECE)

PART III - UNITED NATIONS/ECONOMIC COMMISSION FOR EUROPE (ECE)

INTRODUCTION

The Economic Commission for Europe (ECE) is part of the UN Economic and Social Council (ECOSOC) which, itself, is structured into broad regional commissions such as one for Europe, Africa, Latin America, Asia, etc. Canada is assigned membership in the ECE. Commissions are devoted to the promotion of regional cooperation on matters within the purview of ECOSOC which comprise environment issues.

Canada participates in two of the major committees of the ECE and is a member of working groups dealing with air pollutants and water. In 1989, DOE initiated participation in the new Group of Senior Advisers to ECE Governments on Environmental and Water Problems (SAEWP). Its recent creation resulted from the merger of two predecessor groups. The Group will further cooperate on a wide range of environmental issues, similar to those treated in OECD, but on an east-west basis and within the framework of the UN's system-wide environmental programme. During the last decade, Canada's participation in ECE was concentrated on the LRTAP questions.

THE C&P ACTION AGENDA

State of the Environment Reporting

- Although no specific work is currently being done concerning SOE, C&P should, as in the past, maintain links to ensure that its approach to SOE are promoted within the ECE and the UN system in general.

Environmental Assessment

- Initiate direct participation, in collaboration with FEARO, in work of an ad hoc group to complete a draft Framework Agreement on Environmental Impact Assessment in a Transboundary Context. A Framework Agreement may be signed in 1990 in Finland.
- Assist FEARO to follow up on Task Force on Environmental Impact Assessment Auditing. (Canada is lead country.)
- Initiate participation in the Task Force on Methods and Techniques for the Prediction of Environmental Impacts.

Sustainable Development

- Participate in work on "Sustainable Economic Development" through a joint Task Force of the SAEWP and Senior Economic Advisers on Environment and Economics as recommended in the ECE review to follow up the work of the Brundtland Commission.

- Provide representation and, in collaboration with CPG and External Affairs, participate in preparatory meetings of experts leading up to the 1990 ECE Regional Conference on Action for a Common Future, Bergen.
- Contribute to the review of progress in the implementation of the ECE Regional Strategy for Environmental Protection and Rational Use of Natural Resources. The review will be discussed at the fourth session of the SAEWP in 1991.
- Assess the opportunity for C&P to participate in the Senior Economic Advisers Committee.

Energy

- Work in this area is covered by the activities in respect of sustainable economic development.

Climate/Atmospheric Change and Air Pollution

- Continue participation in activities under the Executive Body for the Convention on Long-Range Transboundary Air Pollution (LRTAP). Continue active participation in LRTAP activities through various working parties, working groups, and task forces such as:

WP on Air Pollution Problems;

Task Force on flue gas treatment, low-emission combustion, by-product utilization and regulatory standards and incentives;

Working Group on Abatement Strategies;

Working Group on VOCs.

Marine

- The ECE is not currently doing work of primary interest to C&P at this time.

Management of Wastes

- Monitor ECE activity to assess degree of complementary and duplicate OECD and UNEP activities proposed in work plans of SAEWP on waste management issues and, if necessary, participate to promote Canada's position.

Accidents/Hazardous Chemicals

- Maintain active contact with relevant parties on progress in implementing regulations developed by ECE's Group of Experts on Transport of Dangerous Goods and, if necessary, participate in deliberations.

Management of Chemicals

- The ECE work program in this area is of limited interest to C&P at this time.

Wildlife

- Assess the need for the C&P participation in ongoing consultations on endangered species for updating Red Data lists.
- Assess the benefits of a C&P participation in the Task Force on Relationships Between Economic Activities and Conservation of Flora, Fauna and their Habitats.

Water/Water Systems

- Continue active membership in the Water Working Group of the SAEWP.
- Initiate participation in projected ad hoc meeting to finalize code of conduct on accidental pollution of transboundary inland waters.
- Initiate participation in the new Task Force on Responsibility and Liability Regarding Transboundary Water Pollution.
- Lead with Norway in preparing Seminar in 1991 Ecosystems Approach to Water Management.
- Assess the need to participate in new project on water quality objectives.

Northern Ecosystems

- No work currently being done in this area.

MAJOR EVENTS

- May 1990, Bergen: The Minister has been asked by the PM to lead the participation of Canada. UN/ECE Regional Conference on Action for a Common Future.
- November 1989, U.S.A.: Experts Meeting on Economics of Sustainability (preparations for the 1990 Bergen Conference).
- December 1989, Netherlands: Ad Hoc Working Group on preparing a Framework Agreement on Environmental Impact Assessment in a Transboundary Context.
- November 1990, Sofia: Conference on Security and Cooperation in Europe (CSCE) to deal with Environment.
- 1990, Finland: Special session of ECE to sign EIA Framework Agreement.
- 1991, Norway: Seminar on Ecosystems Approach to Water Management.
- May 1990, Munich: Seminar on Waste and Water Management.
- 1991, Yugoslavia: Seminar on Technologies to Reduce Emissions from Stationary Sources.

C & P INTERNATIONAL AGENDA

ADM C&P INTERNATIONAL AGENDA/ACTION PLAN



ASSISTANT DEPUTY MINISTER

Context

The International Agenda for the ADM C&P intends to support, within the context of the C&P Mission, the objective of developing a common strategic vision for C&P international activities. The ADM International Agenda is also a key component in establishing a C&P International Action Plan.

The ADM International Agenda takes into account five factors: the priorities of the Government, Ministerial and departmental objectives, the need to orchestrate the international activities of Conservation & Protection at the ADM level, and the constraints and expectations.

It has been estimated that between 5% to 10% of the ADM's time can be devoted to international activities during the coming years. Translated into days, between 15 to 30 days per year will be required, enough time for up to 10 activities.

The ADM International Agenda will be formulated every year. Specific objectives and program proposals will be targeted for the first year and a program outline will be developed for the following year. The program proposals and the outline will be presented within a 4-year time frame. The 1989 Agenda will thus cover the 1989 to 1992 calendar years.

Type of Activities

The activities will be presented under two types.

Sector/Issue

The sectors will correspond to the C&P three main subject areas: water, wildlife, and protection. Issues will relate to specific concerns.

Forum/Organization

The type of forum (i.e., whether multilateral or bilateral), will determine the nature of the participation as well as the level of the ADM international activities.

Areas of Activities

Six areas of activities have been identified:

- leading delegations;
- promoting (advocating) a DOE/C&P position;
- representation;
- negotiating;
- speaking engagements;
- support for C&P/DOE officials and Minister.

	1989	1990	1991	1992
SECTOR-ISSUE -----				
A: <u>PROTECTION</u>				
Ozone	UNEP	UNEP		UNEP
Industries		GLOBE 90		
Wastes	OECD/UN		OECD	
Environmental Assessment		ECE	ECE	
B: <u>CANADIAN WILDLIFE SERVICE</u>				
Sustainable Development	UNEP		UNEP	UNEP
Wildlife	CITES		CITES	
C: <u>INLAND WATERS DIRECTORATE</u>				
Water	UN/ECOSOC		UN/ECOSOC	
Water		ECE		ECE
FORUM-ORGANISATION -----				
A: <u>MULTILATERAL RELATIONS</u>				
<u>FRANCOPHONIE</u>	MINISTER			
<u>COMMONWEATH</u>		MINISTER		
<u>OECD MINISTERS</u>			MINISTER	
<u>UNEP COUNCIL</u>	MINISTER		MINISTER	
B: <u>BILATERAL RELATIONS</u>				
UNITED STATES				
Protection	EPA	EPA	EPA	EPA
Water	EPA	IJC	EPA	GLWA
Wildlife		Ducks Unltd		NAVNC
LATIN AMERICA	BRAZIL/MOU		MEXICO/MOU	
FRANCE	CMS		CMS	

Objectives

Overall 1989-92 Objectives

For 1989 and the first six months of 1990, the primary objective of the ADM's international activities will be, within the context of achieving the C&P Mission, to ensure that C&P is well prepared to support the involvement of the Minister and of C&P in major international activities which will take place in 1990, 1991 and 1992.

1989 Objectives

The specific objectives and priorities for 1989 will be:

- a) to develop effective relationships with the new U.S. EPA officials in the areas of water and environmental protection;
- b) to deal with existing dossiers such as Brazil/MOU;
- c) to undertake activities at the multilateral governmental level through UN/ECOSOC and UNEP/sustainable development issues and at the multilateral non-governmental level through CVS/CITES;
- d) to ensure that C&P deliver on international commitments such as ozone and NOx as well as wastes, VOC's and CO2.

The Strategies

1989-1992: To cover all activities and fora as they relate to C&P.

1989: To focus on bilateral relations (objectives a, b,) and to initiate activities at the multilateral level in a new area and/or where most beneficial (objectives c, d).

The Program

1989 Program Proposal

For 1989, it is proposed that the ADM C&P be personally involved in seven international activities, as identified in the preceding page and the following annex. In addition, support will be provided to other C&P activities in respect to specific dossiers such as wastes (OECD or UN) and the Minister's involvement in UNEP and the Dakar Summit.

<u>Activities</u>	<u>Involvement</u>
4 bilateral governmental	leading delegations or negotiating
1 multilateral non-governmental	leading a delegation
2 multilateral governmental	representation/promotion/advocacy
other	support C&P and Minister.

Outline of 1990 Program

The 1990 Program Outline will focus on strengthening the U.S. bilateral relationships. The program will initiate activities in the ECE forum. It will involve one speaking engagement with Ducks Unlimited and ensure that closer links with IJC are developed. Globe 90 will be an opportunity to promote C&P research and development efforts.

ANNEX TO THE ADM'S INTERNATIONAL AGENDA

OZONE/UNEP/GLOBAL WARMING

Manage involvement in ozone layer/regulatory aspects of global warming.

INDUSTRIES/GLOBE 90

Attend the Vancouver Conference. Lead C&P delegation to promote C&P R&D.

WASTES/OECD/UNEP

Manage C&P involvement with possibility of attending ADM-level meeting.

ENVIRONMENTAL ASSESSMENT/ECONOMIC COMMISSION FOR EUROPE (ECE)

Lead C&P delegation to an ADM level meeting of the ECE.

SUSTAINABLE DEVELOPMENT/UNEP

Yet to be determined precisely. Likely attend meeting or conference.

WILDLIFE/CITES

Lead the Canada delegation to Lausanne (Oct '89) for the bi-annual meeting.

WATER/UN-ECOSOC/ECE

Attend one ADM level meeting of UN or ECE to review water programs.

FRANCOPHONIE/MINISTER

Manage C&P activities to support Minister/PM for the Dakar Summit.

COMMONWEALTH/MINISTER

Support Minister/PM for the Commonwealth Summit.

OECD/MINISTER

Attend the Ministerial quinquennial meeting of the Environment Committee.

UNEP COUNCIL/MINISTER

Support DOE and Minister participation. Possibly attend one meeting.

USA/EPA

Pay visit to new EPA officials and organize a major visit for them.

WATER/IJC

Develop direct relationships in the context of Canada-wide water policy.

WATER/GLWA

Develop close linkages with U.S. officials keeping in mind St-Laurent Plan.

WILDLIFE/DUCKS UNLIMITED

Deliver major speech to this ENGO to review NAVMP progress and future.

WILDLIFE/NORTH AMERICAN WILDLIFE NATIONAL CONFERENCE (NAVNC)

Deliver major speech to the NAVANC focusing on the NAVMP benefits.

BRAZIL/MOU

Lead delegation to chair first meeting of working group.

MEXICO/MOU

Pay visit to Mexican wildlife authorities to review MOU.

FRANCE/COMMISSION MIXE SCIENTIFIQUE

Lead a scientific delegation to launch joint R&D. Attend next CMS.

C & P INTERNATIONAL AGENDA

ISSUE BUSINESS PLANS

C&P INTERNATIONAL AGENDA

ENVIRONMENTAL ACCOUNTABILITY

STATE OF THE ENVIRONMENT REPORTING

Section A

R A T I O N A L E

ISSUE STATEMENT

C&P is responsible for the overall management of Environment Canada's role in the establishment and maintenance of an SOE reporting system. As a world leader in SOE reporting, and a member in international organizations, it is incumbent upon Canada to show leadership in working towards solutions to global and multilateral environmental problems by sharing its knowledge and expertise in SOE reporting. Participation in international fora also enables Canada to benefit from the SOE reporting efforts of others.

C&P OBJECTIVES

- To advance environmental accountability through implementation of an SOE reporting system as mandated under the Federal Environmental Quality Policy Framework.
- To provide national and international leadership in SOE reporting and ensure that the development of SOE reporting serves both domestic and international needs.

C&P STRATEGY AND POLICY

- Establish a system that provides high quality, authoritative information on conditions and trends in environmental quality and natural resources in Canada.
- Ensure that this system is linked to and compatible with international information systems such as the UN's GEMS (Global Environmental Monitoring System), and OECD's SIREN (System of Information on Resources and the Environment).
- Develop partnerships internationally to improve and apply SOE-related research, especially for issues of national and global significance.
- Share results of Canadian research and development of improved SOE reporting methods and techniques, and ensure that Canada benefits from innovative SOE developments in other countries and international organizations.
- Contribute Canadian SOE data and expertise to international SOE reporting efforts.
- Promote an international SOE conference.

CONTRIBUTION TO AGENDA

- Meet international requests for environmental data on Canada, particularly for OECD and ECE, and prepare texts for inclusion in international SOE reports (e.g. OECD).
- Provide advice and support in setting up environmental data bases using

Canada's GIS technology and applications expertise (e.g.: for UNEP and FAO).

- Contribute knowledge and expertise on SOE reporting methods and research to the international community (e.g. cross-sectoral analysis).
- Provide the Canadian context to the global SOE through a report on Canada's state of the environment (1991) and a range of other SOE products.
- Present the results of Canadian SOE-related research and advances at international fora.

Section B

L I N K A G E S

DOMESTIC ACTIVITIES

- Develop an environmental information base for SOE reporting, including environmental indicators.
- Research and develop methods, techniques, frameworks and procedures to improve SOE reporting.
- Report on the state of Canada's environment.
- Market Canada's successes and innovations in SOE reporting to national and international audiences.

INTERNATIONAL FORA AND EVENTS

- OECD: Meetings of OECD Working Group on State of the Environment re: Canada's contribution to the 1991 OECD SOE report, the 1989 OECD Environmental Data Compendium and the OECD environmental information system; OECD Environment Minister's conference in 1991 in Paris.
- Bilateral meetings with international organizations such as FAO and UNEP participating in SOE information system development, (e.g. re the creation of environmental data bases and provision of expert advice on GIS applications for specific FAO & UNEP projects).
- International meetings with the International Organization for Standardization and International Council of Scientific Unions re international standards for SOE indicators and reporting systems.
- International conferences relevant to SOE reporting, (e.g. Global Natural Resource Monitoring and Assessments: Preparing for the 21st Century; International Symposium on Spatial Data Handling; International Autocarto Conference).
- Others: UNESCO's Man and the Biosphere programme, UN's Economic Commission for Europe (ECE), Commission of European Communities.

COMMUNICATIONS PLAN

- Develop Canadian press releases when OECD reports, data and compendiums are released and tie in the domestic SOE activity, e.g. 1991 National SOE report.
- Table Canadian SOE documents at international conferences.
- Provide material to Canadian embassies to inform them of significant SOE reporting developments or research in Canada and prepare a statement(s) that

- can be issued by them to inform international audiences.
- Supply briefing notes and speeches on Canada's SOE efforts to the Minister's and Prime Minister's offices for use at international fora.

Section C

REQUIREMENTS

FINANCIAL REQUIREMENTS

Current: \$15K per year O&M currently provided for international activities.

Additional: None required at this time.

Special: An additional \$8K cost-recovered per year from FAO for environmental data programming and processing.
: \$2K from OECD Secretariat for sponsored travel re OECD SOE report.

HUMAN RESOURCES

Current: 0.5 PY/year.

Additional: None required at this time.

Training: None required at this time.

Section D

OPPORTUNITIES

MINISTER

- UN's Economic Commission for Europe (ECE) 1990 Regional Conference.
- In tabling Canada's SOE report in Parliament in 1991, use this opportunity to reflect the global context of Canada's SOE.
- OECD Environment Ministers Meeting, 1991.
- 1992 Global Conference on Sustainable Development.

DEPARTMENT

- The release of 1989 OECD Compendium on environmental statistics presents an opportunity to amplify Canada's achievements in SOE reporting.
- The presentation of findings of Canada's SOE report to CCREM in 1991 will be an opportunity to reflect the global environmental context (opportunity for ADM).
- International conferences to present results of SOE reporting research on methods and techniques and SOE data management.

- 1992 UN Global Conference on Sustainable Development: SOE session (opportunity for ADM presentation).

Section E

RESULTS AND MILESTONES

RESULTS

- Enhanced leadership role for DOE and C&P in SOE Reporting on the international scene.
- Internationally standardized methods and environmental quality objectives for SOE reporting.
- Improved international compatibility of environmental data and information systems, and credibility of SOE reporting system in Canada.
- Increased profile for Canada internationally related to SOE reporting.

C&P MILESTONES

- 1989: draft sections completed for OECD SOE Report.
- 1989: release of OECD Environmental Data Compendium.
- 1989: digitized maps completed for FAO project.
- 1990: development of standardized questionnaire for international SOE reporting activities.
- 1991: release of Canada's national SOE report.
- 1991: release of OECD SOE report.
- 1992: support Canada's contribution to UN Global Conference on Sustainable Development.

Section F

ACCOUNTABLE MANAGER AND LIAISON

ACCOUNTABLE MANAGER

Mr. Anthony Clarke

Director General
Canadian Wildlife Service

LIAISON

Mr. John Whiting

International Liaison Coordinator
Canadian Wildlife Service

C&P INTERNATIONAL AGENDA

ENVIRONMENTAL ACCOUNTABILITY

ENVIRONMENTAL ASSESSMENT

Section A

R A T I O N A L E

ISSUE STATEMENT

As a result of Brundtland, environmental assessment, sustainable development and environment/economy integration are becoming globally accepted concepts. As a recognised leader in the field of environmental assessment, C&P must show international leadership in development and promotion of the scientific and technical aspects of environmental assessment for the improvement of the global environment.

C&P OBJECTIVES

- To advance the quality of environmental assessment through research and the development of codes, guidelines, techniques and scientific methods.
- To provide national and international leadership in the science of environmental assessment so the results serve national and international needs.

C&P STRATEGY AND POLICY

- To co-ordinate the development and dissemination of national departmental policies and procedures for environmental assessment as well as researching and developing environmental assessment methodologies and techniques.
- Enhance DOE's scientific and technical capability in the field of environmental assessment.
- Enhance existing data bases and develop new ones, and expand our ability to interpret the information in the context of environmental assessment.
- Develop international partnerships to improve environmental assessment research particularly for issues of national and global significance.
- Share Canadian research and development results and ensure Canada benefits from research from other countries and international organizations.
- Participate in international conferences, workshops and meetings.

CONTRIBUTION TO AGENDA

- Meet selected international requests for Canadian information, particularly for OECD and ECE.
- Provide advice and selected support to international environmental assessment data bases.
- Provide senior official attendance, where appropriate, to enhance scientific contributions.
- Contribute knowledge and expertise, where appropriate, in the context of environmental assessment at international fora.

Section B

L I N K A G E S

DOMESTIC ACTIVITIES

- Research and develop methods, techniques, frameworks, codes and guidelines to improve environmental assessment.
- Promote program and activity results to national and international audiences.
- Support CIDA's international environmental assessment program.
- Provide technical environmental assessment advice to External Affairs.

INTERNATIONAL FORA AND EVENTS

- **OECD:** Develop links with Group on Environmental Assessment and Development Assistance.
- **UN-ECE:** Assess DOE links to the Senior Advisors to Governments on Environmental and Water Problems. Participate on Task Force on "Methods and Techniques for the Prediction of Environmental Impacts."
- **WHO:** Participate in the International Seminar on Impact Assessment at Aberdeen, Scotland. Explore with WHO environmental assessment and human health issues.
- **Bilateral meetings** with international organizations such as FAO and UNEP.
- **International MOUs:** Develop or participate in the development of MOUs with countries interested in environmental assessment. (MOU with the Netherlands).
- **International conferences** relevant to environmental assessment. (e.g. IAIA '89 Montreal, IAIA '90 China; Canada - Netherlands EA Workshop).
- **Others:** UNESCO, Commission of European Communities, Canada - U.S.A.

COMMUNICATIONS PLAN

- Highlight Canadian participation at international fora by press releases, newsletters, etc.
- Table DOE documents at international conferences.
- Supply briefing notes, speech materials, etc. for senior officials and Minister to use.
- Publish results in scientific and popular literature.
- Include international component in national workshops, conferences, etc.

Section C

REQUIREMENTS

FINANCIAL REQUIREMENTS

Current: \$35K per year O&M currently provided for international activities.

Additional: None required at this time.

HUMAN RESOURCES

Current: 1 PY per year.

Additional: None required at this time.

Training: None required at this time.

Section D

OPPORTUNITIES

MINISTER

- International Association of Impact Assessment (IAIA) international conference, Montreal, June 1989.
- OECD Environment Ministers Meeting, 1991.
- 1992 Global Conference on Sustainable Development.
- Tabling EARP legislation before Parliament is an opportunity to emphasize the importance of environmental research and development and to support environmental assessment processes.

DEPARTMENT

- IAIA '89 Conference DOE support.
- International conferences to present results of DOE's environmental assessment research on methods and techniques.
- Senior Advisors to ECE Governments on Environmental and Water Problems. Participate on appropriate Task Forces. Lead a Task Force on an appropriate issue for Canada.
- IAIA '90 Conference, China.
- Globe 90.
- WHO International Seminar on EA, Aberdeen Scotland. (Possible keynote paper for ADM.)

- Canada - Netherlands Workshop, Montebello, September 1989, (possible key note paper by ADM).

Section E

RESULTS AND MILESTONES

RESULTS

- Enhanced visible leadership role for DOE C&P in research and development of methods and techniques in environmental assessment.
- Improved international and national techniques and methods in environmental assessment.
- Increased profile for Canada internationally related to environmental assessment.

C&P MILESTONES

- 1989: DOE participation in IAIA '89.
- 1989: Participation in WHO Seminar on Impact Assessment, Aberdeen, Scotland.
- 1989: Participation in Canada - Netherlands Bilateral meeting.
- 1989: Attend ECE Senior Advisors Meeting, Environmental and Water Problems.
- 1989: Participate in International Conference on Global Natural Resources Monitoring and Assessment, Venice.
- 1990: Participate on the ECE Task Force on Methods and Techniques for the Prediction of Environmental Impacts.
- 1990: Globe '90.
- 1990: IAIA '90, China.
- 1992: Contribute to Canada's participation in UN Global Conference on Sustainable Development.

Section F

ACCOUNTABLE MANAGER AND LIAISON

ACCOUNTABLE MANAGER

Mr. Peter Higgins

Director General
Environmental Protection

LIAISON

Mr. Robert Boulden

Chief
Environmental Impact Systems Division

C&P INTERNATIONAL AGENDA

ENVIRONMENTAL LINKAGES

S U S T A I N A B L E D E V E L O P M E N T

Section A

R A T I O N A L E

ISSUE STATEMENT

The necessity of ensuring compatibility between social and economic activities and the natural processes of the environment has been accepted by most world leaders. However, much work remains to be done to put it into action. Over the next two to three years, major efforts will be undertaken world-wide to set the stage for the 21st century and build a "Blueprint" for future generations. These efforts will culminate in the 1992 Conference on Sustainable Development. A key issue for C&P is to determine how best it should contribute.

C&P has the opportunity to provide leadership in promoting the concept of sustainable development in the federal government and in the private and public sectors, in promoting environmentally acceptable technologies and in helping to shift attitudes towards environment/economy integration.

C&P OBJECTIVES

- To promote acceptance of the need for environment/economy integration in the decision-making process.
- To provide leadership in developing, marketing and advancing the concepts and principles of sustainable development by forming partnerships with public and private interests and focussing on the integrated planning/management of wildlife, habitat, water and land and the business sectors.
- To provide reliable and up-to-date information on Canada's progress in achieving the goals of sustainable development.

C&P STRATEGY AND POLICY

- Develop communication and educational material capable of promoting sustainable development principles, and shifting the public attitude towards their acceptance.
- Identify existing international environmental programs, policies and practices which either support and/or should be modified to ensure compatibility of environmental/economic interests.
- Share Canadian information, experience and expertise, particularly in research and development, with the national and international community.
- Develop and facilitate the implementation of federal-level policies and practices that are consistent with the concepts of sustainable development and will serve as a model for others.
- Undertake appropriate projects to demonstrate the applicability, viability and benefits of environment/economy integration.

- Promote and market Canadian environmental industries internationally through a wide range of fora.

CONTRIBUTION TO AGENDA

- Respond to requests, as appropriate and able, from international and national bodies for data, information and advice.
- Contribute to building an international network of experts in the academic and research and development fields, in NGO's and in the private and public sectors, to share DOE/C&P expertise and to gain from others.
- Develop and promote the implementation of a Federal Strategy for Sustainable Development, including elements of the World Conservation Strategy.
- Contribute to the preparation of supporting documentation and briefing material for use by federal ministers and Canadian delegations, as appropriate.
- In co-operation with CPG, assist other departments (e.g. CIDA, EA, DFO, CFS, AGR) to prepare analyses and assessments on the progress being made in other countries and institutions in their efforts at integrating environmental considerations with economic decision-making.

Section B

L I N K A G E S

DOMESTIC ACTIVITIES

- Participate in the activities of CCREM, and the National Round Table on the Environment and the Economy and where appropriate, provide input to Provincial Round Tables as required.
- Communicate the concepts of sustainable development and NGO's, industry, labour, consumer groups, academics and researchers, public and private interests, in order to facilitate their acceptance and implementation.
- Contribute to international reporting on progress in implementing SD at the federal and provincial levels.
- Participate at the National SD Conference in Quebec (1990) and at Globe 90 in Vancouver.
- Initiate and contribute to DOE-led workshops and information sessions.
- Identify and/or develop specific domestic demonstrations of the implementation of sustainable development in natural resource management sectors such as forestry, fisheries, marine, water, air, wildlife and habitat, land use and soil conservation.

INTERNATIONAL FORA AND EVENTS

FORA

- OECD
- UNEP family of organizations (FAO, World Bank, etc.)
- ECE
- Summits (Francophonie, Commonwealth, Group of Seven Industrialized States)
- RAMSAR

- CITES

- IUCN

EVENTS

- Globe 90, Vancouver, March 1990.

- ECE Regional Sustainable Development Conference, Norway, 1990.

- IUCN, 18th General Assembly, Oct./Nov. 1990.

- Economics of Sustainable Development Conference, Tokyo, 1989.

- ECE Senior Advisors Meetings and Working Group on Environment/Economy.

- UN Global Conference on Sustainable Development, 1992.

COMMUNICATIONS PLAN

- Prepare material for a variety of audiences on sustainable development and on progress made.
- Publish Sustainable Development Newsletter and distribute to appropriate parties.
- Provide appropriate UN programs, CIDA, External Affairs and international NGO's with material on C&P's sustainable development activities.

Section C

R E Q U I R E M E N T S

FINANCIAL: 10K O&M annually (travel) plus additional funds for activities.

HUMAN RESOURCES: 0.5 PY for international requirements.

Section D

O P P O R T U N I T I E S

MINISTER

- Economics of Sustainable Development, Tokyo, 1989.

- National Sustainable Development Conference, Quebec, 1990.

- OECD Environment Ministers Meeting, 1991.

- ECE Regional Sustainable Development Conference, Bergen, Norway, 1990.

- UNEP Council Meeting, 1991.

- UN Global Conference on Sustainable Development, 1992.

DEPARTMENT

- CCREM meetings.
- National & Provincial Round Tables.
- Globe 90.
- Quebec Conference 1990.

Section E

R E S U L T S A N D M I L E S T O N E S

RESULTS

- Increased awareness of the principles of sustainable development within and outside of government.
- Development of an international network resulting in better linkages to facilitate decision-making at the ministerial and senior departmental and private sector levels.
- Better knowledge and tools for practical application of sustainable development principles.
- Increased environment/economy integration in policies, programs and projects of the public and private sectors.

C&P MILESTONES

- By 1990, to have a plan to support international activities as they relate to sustainable development.
- Presentation of a Federal Sustainable Development Strategy at 1990 National Sustainable Development Conference in Quebec.
- Participate at Globe 90, a major showcase of C&P scientific and technical capabilities.
- By 1991, a progress report on initiatives and measures undertaken to implement environment/economy integration practices.
- By 1991, contribute to setting up an effective international network for the promotion and implementation of sustainable development.

Section F

A C C O U N T A B L E M A N A G E R A N D L I A I S O N

ACCOUNTABLE MANAGER

Mr. Anthony Clarke

Director General
Canadian Wildlife Service

LIAISON

Mr. John Whiting

International Liaison Coordinator
Canadian Wildlife Service

C&P INTERNATIONAL AGENDA

ENVIRONMENTAL LINKAGES

ENERGY FOR GENERATIONS TO COME

Section A

R A T I O N A L E

ISSUE STATEMENT

Energy generation, be it through fossil fuel combustion, burning of biomass, damming of rivers or nuclear reactions, is a major contributor to global environmental degradation. Atmospheric warming, desertification and acid rain are but a few of the symptoms. As a recognized leader in the field of environmental preservation, C&P must show international leadership in the promotion of both energy efficient technologies (demand management) and development of cleaner technologies.

C&P OBJECTIVES

- To provide national and international leadership in the conversion to energy efficient and clean technologies, and to ensure that Canada benefits from international advances.
- To accelerate the development of improved pollution control technologies through promotion of research, development and demonstration projects.
- To accelerate the rate of conversion to energy efficient technologies through promotion of demonstration projects and technology transfer.

C&P STRATEGY AND POLICY

- Enhance DOE's knowledge of the opportunities for and costs of conversion to energy efficient technologies.
- Maintain DOE's efforts in promotion of clean technology development.
- Enhance national and international partnerships to accelerate the conversion to efficient and clean technologies.
- Transfer Canadian technological advances and ensure that Canada benefits from those advances made internationally.
- Promote the development of real environmental costs, losses and risks associated with pollution from the various energy options.
- Participate in national and international conferences, workshops and meetings.

CONTRIBUTION TO AGENDA

- Meet selected international requests for Canadian information, particularly from OECD and circumpolar fora.
- Provide advice and selected support respecting the promotion and development of energy efficient and clean technologies.
- Provide senior official attendance, where appropriate, to enhance scientific contributions.

Section B

LINKAGES

DOMESTIC ACTIVITIES

- Research, develop and demonstrate improved pollution control technologies for the energy sector.
- Promote demonstration of energy efficient technologies.
- Promote incorporation of true environmental costs in energy development cost-benefit analysis.
- Provide technical advice on energy efficient and clean technologies to External Affairs.

INTERNATIONAL FORA AND EVENTS

- OECD: Develop stronger links with the Working Group on Energy and Environment.
- Bilateral meetings with international organizations such as UNEP.
- International conferences relevant to energy development, options and efficiency (e.g. World Energy Conference, 14th Congress, Montreal, 1989).
- Commission of European Communities.
- Others: Canada-U.S.A.

COMMUNICATIONS PLAN

- Highlight Canadian participation at international fora by press releases, newsletters, etc.
- Table DOE documents at international conferences.
- Supply briefing notes, speech materials, etc. for senior officials and the Minister to use.
- Publish results in scientific literature.
- Include international component in national workshops, conferences, etc.

Section C

REQUIREMENTS

FINANCIAL REQUIREMENTS

Current: (figures from DGs and RDGs to be rolled up)

Additional: (figures from DGs and RDGs to be rolled up)

Special: (figures from DGs and RDGs to be rolled up)

HUMAN RESOURCES

Current: (figures from DGs and RDGs to be rolled up)

Additional: (figures from DGs and RDGs to be rolled up)

Training: (figures from DGs and RDGs to be rolled up)

Section D

OPPORTUNITIES

MINISTER

- 1990 Sustainable Development Conference.
- 1991 OECD Environment Ministers' Meeting.
- 1992 Global Conference on Sustainable Development.

DEPARTMENT

- 1989 Workshop on Energy and Environment, Germany.
- DOE support to the 1989 World Energy Conference, Montreal.
- Globe 90, Vancouver.
- International conferences to present results of DOE's research and demonstration of energy efficient and clean technologies.

Section E

RESULTS AND MILESTONES

RESULTS

- Enhanced leadership role for DOE C&P in research, development and demonstration of energy efficient technologies.
- Accelerated international and national adoption of energy efficient and clean technologies.
- Market-driven energy development which reflects real environmental costs.
- Increased profile for Canada internationally as it relate to energy efficiency and pollution control.

C&P MILESTONES

- 1989: DOE participation in the World Energy Conference, Montreal.
- 1990: Globe 90.
- 1992: Contribute to Canada's participation in the UN global conference on Sustainable Development.

Section F

ACCOUNTABLE MANAGER AND LIAISON

ACCOUNTABLE MANAGER

Mr. Bev Burns

Regional Director General
Western and Northern Region

LIAISON

Mr. Robert Lane

Director
Environmental Protection

C&P INTERNATIONAL AGENDA

GLOBAL COMMONS

CLIMATE / ATMOSPHERIC CHANGE

Section A

R A T I O N A L E

ISSUE STATEMENT

Atmospheric change is truly a serious and growing global problem that is not well understood. The adaptive capacity of global ecosystems is dependent on the rate and extent of atmospheric change. Research must be directed at measuring the rate of change and of measures that slow the process. Canada's self-interest requires that it become fully involved through effective domestic programs and international initiatives to share knowledge and promote our position. The issue of Atmospheric Change is being led for Canada by AES. However, C&P has a critical role in defining the effects of atmospheric change on water ecosystems and terrestrial and wildlife resources, and in developing the policies to control the causes. Atmospheric change involves: global warming; acidification; toxics deposition; and ozone depletion.

C&P OBJECTIVES

- To understand and define, in the Canadian context, the causes and impacts of atmospheric change and remedial measures to offset them.
- To lead in the development and implementation of national and global programs to respond to the causes and effects of atmospheric change, in conjunction with our partners abroad.
- To promote effective global strategies addressing atmospheric change issues, including an "International Convention for Protection of the Atmosphere."

C&P POLICY & STRATEGY

- To lead in implementing a program for dealing with atmospheric change issues pertinent to C&P such as those impinging upon water ecosystems, wildlife resources, sustainable development, etc.
- To establish and maintain strong links within DOE, with other agencies of the federal government, other governments, interest groups and academia.
- To support Canada's participation in international activities, and thereby influence the evolving global approach.
- To collaborate and participate as fully as possible in international research, impact assessment, and the development of response strategies.
- To use Canadian institutions and Canadians located abroad to transfer Canadian expertise and information.

CONTRIBUTION TO FOREIGN AGENDA

- Implementation of relevant Canadian research and development programs.
- Implementation of Canadian control programs.
- Sharing of Canadian expertise and information with the international community, particularly with developing countries.

Section B

L I N K A G E S

DOMESTIC ACTIVITIES

Within the four areas of global warming, acidification, toxics deposition and ozone depletion, C&P will continue to monitor, model and forecast the sources and causes of atmospheric change; assess the impacts on water ecosystems, wildlife and terrestrial resources; and implement control programs, as well as mitigative and adaptive measures. For such assessment, C&P will continue to collect fundamental long-term surface water data, in association with WMO; also C&P will continue to work with the provinces, industry and ENGO's in setting priorities and finding solutions for dealing with atmospheric change.

INTERNATIONAL FORUMS AND EVENTS

- United Nations Economic Commission for Europe (ECE).
- Organization for Economic Co-operation and Development (OECD). Participate in CO2 control technology review and evaluation.
- World Meteorological Organization (WMO) 1988 Commission for Hydrology (CHy) has appointed rapporteurs on subjects related to atmospheric change. They are now preparing work plans for the next 4 years. Canada has offered expert advice.
- United Nations Environment Program (UNEP) meeting, Helsinki (Spring 1989).
- Tightening of Montréal Protocol to be discussed - (London, 1990). Decision on Montréal Protocol Amendments (location to be determined).
- International Panel on Climate Change (IPCC). This panel is preparing a "state-of-the-art" document on climate change and its impacts. Canada is contributing to all three working groups that are producing a report for the document.
- WHO: Participate in August, 1990 Baikalsk, U.S.S.R. meeting to finalize the Global Environmental Monitoring System for Water (GEMS/WATER) program by monitoring and assessing water impacts from acid/toxic rain and climate change.

COMMUNICATIONS PLAN

- Publicize C&P's programs and initiatives to the public to garner understanding and support for international participation.
- Provide information to Canadian missions abroad on Canadian atmospheric change policies, objectives and programs.
- Supply briefing material on Canada's policies, objectives and programs for the government's use in international fora.
- Develop and establish a federal policy.
- Develop a communications plan to influence the policy and program agenda of targetted international, particularly intergovernmental, organizations.

Section C

REQUIREMENTS

FINANCIAL REQUIREMENTS

Current: An estimated \$65K per year (2% of total for C&P Atmospheric Change activities) is spent on international activities.

Additional: The accelerating rate of activities is likely to require either new funds or the reallocation of existing funds. An additional \$123K per year would be required.

HUMAN RESOURCES

Current: An estimated 3.2 PYs (2% of total C&P Atmospheric Change activities) are devoted to international work.

Additional: New initiatives and delivering on existing commitments will impact on human resources.

Section D

OPPORTUNITIES

MINISTER

- Mid 1990 - endorsement of IPCC statement.
- Endorse implementation of a new UNEP/WHO GEMS/WATER program, January 1991.
- OECD Ministerial meeting.
- ECE.

DEPARTMENT

- Situation is too premature to be specific.
- Take the lead within CCREM to encourage both impact research and development of control technologies, and a greater public understanding as to the causes and harmful effects of atmospheric change.

Section E

RESULTS AND MILESTONES

RESULTS

- Enhanced leadership for the Department and for Canada.
- Acceptance, at least in part, of Canadian standards, methods, equipment and expertise as the global norm.

- Implementation CFC - Halon Control Regulations (Montréal Protocol).
- Canadian participation at IPCC meetings of Working Group III, Response Strategies, May 1989 in Geneva, and Working Group II, Impacts, June 1989.
- Canadian contributions to the IPCC state-of-the-art document on climate change and its impacts by October 1989.
- Canadian leadership for IPCC reports on Environmental and Socio-Economic Impacts on Natural Ecosystems (Sub-Group of Working Group II) and Resource Use and Management (Sub-Group of Working Group III) to be finalized by 1990.

C&P MILESTONES

- 1992 completion of project (jointly with NASA, AES & the Canadian Institute for Research in Atmospheric Chemistry (CIRAC)), to determine the contribution of methane from the Hudson Bay wetlands to the global loading of methane, a "greenhouse" gas affecting climate.
- Leadership and co-ordination of a revitalized UNEP/WHO GEMS/WATER program starting in January, 1991, that will provide global trend data on toxic rain, acid rain, and climate change impacts on water quality, including impacts of atmospheric change every 5 years (a global freshwater SOE report for the UN).
- Ongoing world-class research on the processes controlling the exchange of toxic rain chemicals across the air/water interface, so that mass balances for the toxic rain components can be quantified.
- Scientific leadership in completing the National LRTAP Assessment Report for policy development in a Canada/U.S. Acids Rain Agreement and in influencing the global agenda for potential multilateral control agreements.
- International publication of research findings on ecological impacts or potential impacts of toxic rain, acid rain and climate change on temperate freshwater ecosystems.

Section F

ACCOUNTABLE MANAGER AND LIAISON

ACCOUNTABLE MANAGER

Mr. Denis Davis

Director General
Inland Waters Directorate

LIAISON

Mr. François Guimont

Director
Program Analysis & Coordination

Mr. Richard Bill

Senior Analyst/International Affairs

C&P INTERNATIONAL AGENDA

GLOBAL COMMONS

M A R I N E

Section A

R A T I O N A L E

ISSUE STATEMENT

Canada, as a Maritime nation, has taken a lead role in developing international conventions, agreements, treaties and guidelines on the marine environment, such as the LDC, MARPOL and the UNEP Montreal Guidelines. C&P has the major role for satisfying a number of these obligations which are vitally important to maintaining the global marine commons.

Oceans must be managed in a broad international context to ensure that objectives are met in ways that meet environmental quality and socio-economic and resource management objectives. The endorsed MEQ Management Framework (1987) requires that C&P continue to strengthen its international commitments and activities in the marine commons.

C&P OBJECTIVES

- To maintain and enhance marine environmental quality on an international basis.
- To participate in the environmental management of this key global commons.
- To protect Canada's environmental resources from international (transboundary) threats.
- To conduct our marine programs in conjunction with those of other countries, and participate in the delivery of international initiatives.

C&P STRATEGY AND POLICY

- Encourage and support planning for integration of environmental and economic development objectives in marine areas shared by other nations.
- Develop and promote better knowledge, understanding and conservation of marine ecosystems shared by Canada and other countries.
- Promote the establishment of a comprehensive network of protected areas of North American and global significance.
- Prevent and correct abuses of the quality of the marine environment where Canada has an interest.
- Communicate the benefits and importance of a healthy marine environment to international fora and organizations.

CONTRIBUTION TO AGENDA

- Contributing knowledge and sharing expertise to assess marine pollution issues undertaken by UN/GESAMP and its Working Groups.
- Meeting requests from the OECD for marine data and information, contributing to SOE reports and position statements on coastal zone management, and ensuring appropriate representation at international fora.

- Participating in international scientific programs: e.g. migratory sea birds in winter habitats; oil spills in cold climates.
- Undertaking technology transfer with other countries to deal with marine oil and chemical spills, and to apply strategies to control and prevent land-based pollution.
- Presenting the results of Canadian research, assessment, pollution control and monitoring at international fora.

Section B

LINKAGES

DOMESTIC ACTIVITIES

The MEQ Management Framework endorsed a number of domestic activities which contribute to our international obligations:

- Protecting the quality of the marine environment through regulatory intervention and in support of EARP.
- Evaluating shellfish growing areas, controlling ocean dumping, responding to emergencies and addressing water and air pollution from point and non-point sources.
- Assessing, controlling and monitoring toxic chemicals entering marine waters.
- Developing seabird conservation and management techniques, conducting research on migratory birds and protecting unique marine wildlife habitats.
- Monitoring coastal land use.

Furthermore, in support of the Oceans Strategy, C&P is currently working with other departments and sectors to develop a national framework on MEQ, elements of which will address our international obligations.

INTERNATIONAL FORA AND EVENTS

The listing is not exhaustive, but suggests the breadth of C&P's contributions.

- London Dumping Convention Annual Meeting
- Convention on Wetlands of International Importance (RAMSAR)
- MARPOL Annual Meeting
- OECD Working Meetings
- U.S. Boundary Treaties Meetings
- UNEP and other UN Agencies
- IUCN

- Biennial International Ocean Disposal Symposium
- Coastal Zone Management Conference
- Annual Oceans Conference

COMMUNICATIONS PLAN

Regular

- Submissions to Parliament on the ODCA (CEPA, Section 6).
- Progress report on the Shellfish Program.
- Progress report on the MEQ initiative.

Other

- SOE Reports - DOE National SOE Report
 - OECD
 - UN/GESAMP
 - C&P MEQ in Canada - Status and Priorities Report.
- Policy - Marine Policy for DOE.

Section C

R E Q U I R E M E N T S

FINANCIAL REQUIREMENTS

Out of program funds.

HUMAN RESOURCES

Out of program funds.

Section D

O P P O R T U N I T I E S

The Minister could meet with his counterparts in the U.S.A. and other countries:

- EPA - Estuarine and coastal marine pollution control strategies and programs.
- NOAA - Marine environmental quality monitoring in boundary marine waters.
- OECD - Coastal zone management.

Section E

R E S U L T S A N D M I L E S T O N E S

RESULTS

- Assurance that DOE plays a major role in conserving and protecting marine environmental quality, both domestically and internationally.
- Enhancement of the leadership role in MEQ internationally.
- Protecting and ensuring sustainable use of coastal resources by maintaining a high level of environmental quality in Canadian marine waters.
- Keeping international regulatory instruments and MEQ monitoring effective through international exchanges of information and technology.

C&P MILESTONES

- Approved MEQ Action Plan and Program for C&P (1990).
- Approved the National MEQ Framework and Action Plan (1990).
- Prepare the marine chapter of the OECD State of Environment Report (1991).
- Participate in the release of the GESAMP Report on "Oil in the Marine Environment" (1991).

Section F

A C C O U N T A B L E M A N A G E R A N D L I A I S O N

ACCOUNTABLE MANAGER

Mr. Jim Vollmershausen

Regional Director General
Atlantic Region/C&P

LIAISON

Mr. Dave Kelly

Senior Advisor, MEQ

Mr. Peter Well

Senior Advisor, MEQ

C&P INTERNATIONAL AGENDA

POLLUTION CONTROLS

MANAGEMENT OF WASTES

Section A

RATIONAL E

ISSUE STATEMENT

There is a growing concern worldwide for the protection of the environment and human health. States are taking necessary measures to ensure that the management of wastes, including their transportation and disposal, is consistent with the protection of the environment and human health. As a recognized leader, Canada must participate through C&P in the development and promotion of the technical and scientific aspects of management of wastes for the protection of the global environment.

C&P OBJECTIVES

- To advance the quality of waste management through the development of codes, guidelines, technologies, scientific methods and agreements.
- To provide national and international leadership in the management of wastes so the results serve national and international needs.

C&P STRATEGY AND POLICY

- To co-ordinate the development of national policies and procedures concerning the management of wastes.
- Enhance DOE's scientific and technical capability in the management of hazardous wastes.
- Enhance existing data bases and develop new ones, and expand our ability to interpret the information in the context of waste management.
- Develop international partnerships to improve the management of wastes particularly for issues of national and global significance.
- Share Canadian research and development results and ensure Canada benefits from research from other countries and international organizations.
- Participate in international conferences, workshops and meetings.

CONTRIBUTION TO AGENDA

- Meet selected international requests for Canadian information, particularly for OECD, UNEP and LDC.
- Provide advice and selected support to international waste management data bases.
- Provide senior official attendance, where appropriate, to enhance scientific contributions.
- Contribute knowledge and expertise, where appropriate, in the context of waste management at international fora.

Section B

LINKAGES

DOMESTIC ACTIVITIES

- Develop guidelines, regulations and a permit system which foster improved waste management.
- Promote program and activity results to national and international audiences.
- Support OECD and UNEP waste management programs.
- Provide technical waste management advice to External Affairs.
- Support CIDA's international programs related to waste management (e.g. Indonesia).
- Conduct resource development and demonstration projects on waste management technologies.

INTERNATIONAL FORA AND EVENTS

- OECD: Continue links with the Waste Management Policy Group and Environment Group.
- International MOUs: Develop or participate in the development of MOUs with countries involved in waste management.
- International conferences: Participate in conferences (e.g. Global 90).
- UNEP: Participate in the implementation of the Basel Convention on the control of transboundary movements of hazardous wastes and their disposal.
- UNEP: Participate in other endeavors pertaining to the management of wastes.
- NATO/CCMS: Participate in international waste management research and development projects (e.g. contaminated land remediation projects).
- LDC: Represent Canada's interest as a signatory to the London Dumping Convention.

COMMUNICATIONS PLAN

- Highlight Canadian participation at international fora by press releases, newsletters, etc.
- Table DOE documents at international conferences.
- Supply briefing notes, speech materials, etc. for senior officials and Minister to use.
- Publish results in scientific and popular literature.
- Include international component in national workshops, conferences, etc.

Section C
R E Q U I R E M E N T S

FINANCIAL REQUIREMENTS

Current: \$30K per year O&M currently provided for international activities

Additional: None required at this time

HUMAN RESOURCES

Current: 1 PY per year.

Additional: None required at this time.

Training: None required at this time.

Section D
O P P O R T U N I T I E S

MINISTER

- OECD Environment ministers Meeting, 1991.
- UNEP Governing Council

DEPARTMENT

- OECD, UNEP meetings.
- UNEP meeting.
- LDC meeting.
- International conferences to present results of DOE's activities associated with waste management.
- Globe 90.

Section E
R E S U L T S A N D M I L E S T O N E S

RESULTS

- Enhanced visible leadership role for DOE C&P in waste management by developing codes, guidelines, technologies and scientific methods.
- Increased profile for Canada internationally related to waste management.

C&P MILESTONES

- Participation in Canada - Netherlands Bilateral meeting.
- LDC 12th Consultative Meeting.
- Globe '90.
- Participation in OECD ministerial conference in 1991.
- Contribute to Canada's participation in UN Global Conference on Sustainable Development.

Section F

ACCOUNTABLE MANAGER AND LIAISON

ACCOUNTABLE MANAGER

Mr. Peter Higgins

Director General
Environmental Protection

LIAISON

Mr. John Myslicki

Chief
Waste Management Division

C&P INTERNATIONAL AGENDA

POLLUTION CONTROLS

A C C I D E N T S / H A Z A R D O U S C H E M I C A L S

Section A

R A T I O N A L E

ISSUE STATEMENT

Serious chemical accidents such as the Bhopal tragedy and Rhine River spill have demonstrated the need for international co-operation both in prevention and preparedness. As the lead agency in evaluating Canada's situation after the Bhopal accident and considering our active research program in response to chemical spills, C&P is recognized worldwide for its leadership in scientific and technical aspects of accident prevention and emergency response.

C&P OBJECTIVES

- To minimize the adverse effects on the economic, environmental and social fabric of Canada from major chemical accidents, and specifically to reduce the probability of major accidents involving dangerous substances.
- To enhance the capacity to respond effectively to chemical accidents on the part of the various organizations and agencies involved.
- To advance the state-of-the-art in chemical spill technology through research and development.
- To participate in various fora for information exchange on research and other matters relating to major chemical accidents.
- To provide national and international leadership in matters pertaining to accident prevention and preparedness to serve national and global needs.

C&P STRATEGY AND POLICY

- Co-ordinate the development and dissemination of national policies, procedures and methodologies for accident prevention and preparedness.
- Enhance DOE's scientific and technical capabilities in the fields of accident prevention and emergency response.
- Enhance existing data bases on chemical accidents and expand our ability to interpret trends in emergency spills.
- Develop international partnerships to improve research in prevention and response technologies particularly for issues of national and global significance.
- Share Canadian research and development results and ensure that Canada benefits from research from other countries and international organizations.
- Participate in international conferences, workshops and meetings.

CONTRIBUTION TO AGENDA

- Meet selected international requests for Canadian information.
- Provide advice and support to selected international programs on accident prevention and emergency preparedness including joint projects such as evaluating and developing spill countermeasures technology.
- Provide representation to enhance Canadian contributions.
- Contribute knowledge and expertise on chemical accidents.

Section B

L I N K A G E S

DOMESTIC ACTIVITIES

- Undertake research and develop/evaluate equipment, materials, techniques, frameworks, training materials, codes of practice and guidelines to improve accident prevention and emergency preparedness.
- Promote program and activity results to national and international audiences
- Participate, promote and support technically and financially the Major Industrial Accidents Co-ordinating Committee (MIACC).
- Provide advice to government agencies and private organizations.

INTERNATIONAL FORA AND EVENTS

- OECD: Participation on Ad Hoc Group of Experts on Accidents Involving Hazardous Substances, and implementation of OECD Council Acts domestically.
- UNEP: Participate in development and implementation of UNEP's Awareness and Preparedness for Emergencies at Local Level (APELL) program both nationally and internationally.
- World Bank: Participate in program to define cross-disciplinary research needs in safety control and risk management. Attend workshops in Washington (October 88), Stockholm (November 89) and Australia (90).
- Bilateral meetings with international organizations such as ILO, WHO.
- International MOU and agreements: Develop agreement with U.S. EPA on contingency plan for inland boundary and carry-out co-operative research with several countries such as United States, Britain and Norway.
- International conferences such as Loss prevention and Safety Promotion in Process Industries, Singapore, October 89; Hazardous Materials Spills Conference, Houston, June 90.

COMMUNICATIONS PLAN

- Highlight Canadian participation at international fora with press releases.
- Table DOE and other Canadian documents at international conferences, workshops, meetings, etc.
- Supply briefing notes, speech materials, for senior officials.
- Publish results in scientific and popular literature.
- Include international component in national workshops, conferences, etc.

Section C

REQUIREMENTS

FINANCIAL REQUIREMENTS

Current: \$40K per year O&M currently provided for international activities.
Additional: None required at this time.

HUMAN RESOURCES

Current: Less than 1 PY per year (about 8 PMs per year).
Additional: None required at this time.
Training: None required at this time.

Section D

OPPORTUNITIES

MINISTER

- Annual Major Industrial Accidents Co-ordinating Committee meeting, Ottawa, November 1989.
- National Roundtable on Economy / Environment meetings.
- OECD Environment Ministers Meeting, 1991.
- 1992 Global Conference on Sustainable Development.
- Through CCREM, opportunity to demonstrate leadership in addressing issues of chemical accidents and the benefits of working together at all levels of government and with the private sector.

DEPARTMENT

- Participate in OECD, UNEP and World Bank programs/activities.
- International conferences and workshops to present results of Canadian progress on chemical accident issues.
- Globe 90.
- Hazardous Materials Spills Conference, Houston, June 90 (possible keynote paper for ADM).

Section E

RESULTS AND MILESTONES

RESULTS

- Enhanced visible leadership role for DOE C&P in government policy and in research and development of methods, procedures and techniques for chemical accident prevention and emergency response.
- Increased awareness created in public and private sector both nationally and internationally in regard to roles and responsibilities for accident prevention and emergency response.
- Increased profile for Canada internationally related to the concept of shared responsibility through the Major Industrial Accidents Co-ordinating Committee (MIACC).

C&P MILESTONES

- 1989: DOE participation in 3 OECD workshops on accident prevention to define roles/responsibilities of various sectors.
- 1989: Canada endorses two OECD Council Acts relating to provision of information to the public and exchange of information on potential accidents capable of causing transfrontier damage.
- 1989: Participation in European Communities Workshops on Communication with Public on Chemical Accidents.
- 1989: Participation in relevant World Bank Program.
- 1989: Participate in Loss Prevention Conference, Singapore.
- 1989: Organize the 3rd Annual Major Industrial Accidents Co-ordinating Committee (MIACC) meeting for Ottawa, November 1989.
- 1990: Continue participation in OECD, UNEP and World Bank activities. Host with U.S. EPA the OECD workshop on emergency preparedness.
- 1990: Participation in Globe 90.
- 1991: OECD Declaration (Council Act) on roles/responsibilities of management, workers, public authorities and the public on accident prevention and emergency preparedness.
- 1991: Ministerial participation in OECD Environment Ministers meeting to evaluate national and international progress.

Section F

ACCOUNTABLE MANAGER AND LIAISON

ACCOUNTABLE MANAGER

Mr. Peter Higgins

Director General
Environmental Protection

LIAISON

M. W. Bissett

Chief
Chemical Industries Division

C&P INTERNATIONAL AGENDA

POLLUTION CONTROLS

MANAGEMENT OF CHEMICALS

Section A

R A T I O N A L E

ISSUE STATEMENT

Over the past 10 years, there has developed a growing recognition that many problems of environmental contamination are international or global in nature. For these problems, co-operative international efforts are needed to assess the hazards to health and the environment and to implement effective controls to reduce the risks involved. As Canada accounts for only a few per cent of international trade in chemicals, we must participate in international fora to ensure Canadian interests are reflected in major international decisions and to minimize our resource outputs to conduct assessments and develop controls.

C&P OBJECTIVES

- To reduce the risks to Canadians caused by global contamination that results from the use and/or release of toxic substances.
- To provide national and international leadership in the science of hazard and risk assessment and in risk management practices in order to protect the Canadian and global environment.

C&P STRATEGY AND POLICY

- To play a leadership role in UNEP in assessing and controlling substances that deplete the ozone layer.
- To play an active role in OECD programs for chemicals and biotechnology products and to ensure access to international information in implementation of CEPA toxic substances programs.
- To support initiatives of the WHO/ILO/UNEP International Programme on Chemical Safety in assessing health and environmental hazards of environmental contaminants.
- To participate in international activities at the appropriate management or technical level to develop policies, practices and procedures that may be used in assessing and controlling the hazards of toxic substances.

CONTRIBUTION TO AGENDA

- Contribute knowledge and expertise on the assessment and control of chemicals and biotechnology products.
- Provide senior official attendance to endorse scientific and technical positions.

Section B

LINKAGES

DOMESTIC ACTIVITIES

- Implement CEPA Priority Substances program to assess hazards and share results with other countries.
- Develop control options reports on toxic substances and implement national regulatory programs to implement international commitments.
- Implement CEPA new substances notification programs for chemicals and biotechnology products.
- Implement CEPA program for notification of export of banned or severely restricted chemicals.

INTERNATIONAL FORA AND EVENTS

- OECD: Regular participation in policy and technical meetings on chemicals and biotechnology products.
- UNEP: Leading a UNEP international working group in assessing means to strengthen the Montreal Protocol to control ozone-depleting substances.
- UNEP: Play a lead role in resolving issues necessary for implementing the Montreal Protocol and Vienna Convention on ozone-depleting substances.
- UNEP: Participating in an international working group to incorporate the principle of prior informed consent (PIC), as it pertains to exports of banned and severely restricted chemicals, into the UNEP London Guideline for the Exchange of Information on Chemicals in International Trade.

COMMUNICATIONS PLAN

- Ensure Canadian views are reflected in major international decisions and developments on toxic chemicals and biotechnology products.
- Ensure published CEPA assessment reports reflect international data while emphasizing Canadian exposure and environmental situations.
- Canadian achievements in the management of chemicals will be included in speeches by the Minister and departmental officials.

Section C

REQUIREMENTS

FINANCIAL REQUIREMENTS

Current: OECD - \$85K/year (grant)
IPCS - \$10K/year (grant)
O&M - \$50K (travel) in 1989/90

Additional: Possibly \$10-20K in 1989/90 for further biotechnology development work within OECD.

HUMAN RESOURCES

Current: 2 PYs per year.

Additional: Some increases may be made in 89/90 and 90/91 due to increased levels of activity in OECD and UNEP.

Training: None required at this time.

Section D

O P P O R T U N I T I E S

MINISTER

- UNEP meeting of Parties to Montreal Protocol (Helsinki, May 2-5, 1989).
- UNEP meeting of Parties to Montreal Protocol (London, May 1990).
- OECD Environment Ministers Meeting (1991).

DEPARTMENT

- OECD: Regular meetings of policy bodies on chemicals and biotechnology products (4 per year).
- UNEP: Meeting of experts on Information Exchange of Potentially Harmful Chemicals in International Trade (Europe, February 1990).
- UNEP: Meetings on ozone-depleting substances (several).
- APCA Conference (Anaheim, Cal., June 1989).
- Globe 90 (Vancouver, March 1990).

Section E

R E S U L T S A N D M I L E S T O N E S

RESULTS

- Improved global environmental protection.
- Continued visible leadership role for Canada in assessment and control of toxic substances.
- Improved hazard assessments and controls programs through international transfer of information and technology.

C&P MILESTONES

- DOE leadership of UNEP technical panel working on strengthening the Montreal Protocol.
- DOE leads development of CEPA regulations for new biotechnology substances.
- DOE co-ordinates Canadian co-operative efforts on Priority Substances within OECD.
- DOE publishes CEPA regulations for new chemicals to meet OECD commitments.
- DOE publishes CEPA regulations for notification of export of banned or severely restricted chemicals to meet OECD commitment.

Section F

A C C O U N T A B L E M A N A G E R A N D L I A I S O N

ACCOUNTABLE MANAGER

Mr. Peter Higgins

Director General
Environmental Protection

LIAISON

Mr. Glen Allard

Director
Commercial Chemicals Branch

C&P INTERNATIONAL AGENDA

POLLUTION CONTROLS

A I R P O L L U T I O N

Section A

R A T I O N A L E

ISSUE STATEMENT

A variety of air pollution problems, ranging from acid deposition to chemical smog to climate change, have the potential to cause serious regional and global environmental, health and economic problems. Given the industrial expansion and growing populations of developing countries, Canada will want to participate in the definition and ongoing control of these problems. Toxic rain is developing as a priority in Canada and is also discussed in the international fora. C&P is responsible for significant contribution to the scientific knowledge of air pollution issues and is wholly responsible for the technical expertise on emissions and controls of air pollution sources within the federal government. C&P must participate in international activities related to these issues.

OBJECTIVES

Advance Canadian knowledge and technology in identifying and controlling priority air pollutants.

Protect the quality of the Canadian environment and health of its residents from transboundary pollution and maximize the benefits to Canada.

C&P STRATEGY AND POLICY

Maintain awareness of state-of-art technology through attendance at international events.

Promote Canadian knowledge and export of technology for monitoring and controlling air pollutants and their effects.

Influence international strategies which affect our air policies and programs, trade competitiveness and the quality of Canadian health and environment.

Promote international strategies which will allow developing countries to expand industrial development without degrading their atmosphere.

Participate in governing and relevant technical organizations to influence international strategies benefiting Canada and the global community.

Ensure Canadian representatives are supported by national stakeholders through communication and consultation.

CONTRIBUTION TO AGENDA

Participate in governing and relevant technical organizations, particularly ECE, UNEP and OECD.

Provide Canadian information as requested and contribute to selected projects.

Implement domestic programs related to relevant international air pollution R&D and control strategies.

Provide advice and support to general international events such as the G7, ensuring recognition of sustainable development and pollution prevention.

Section B

L I N K A G E S

DOMESTIC ACTIVITIES

Focus domestic R&D on areas unique to Canada to complement data gained from participation in international events and maximized through compatible integrated information systems.

Work with and through interdepartmental and federal provincial committees on LRTAP in developing and implementing action plans to control air pollutants.

Develop and maintain systems to monitor air quality and impacts and assess effectiveness of controls.

Ensure national policies and programs reflecting Canada's international commitments on NO_x/VOC and climate change, e.g. develop control options for NO_x/VOC by 1990.

Implement federal internal combustion engine and fuel controls 1995. Develop systems to integrate air pollutant information and facilitate decisions on research gaps, priorities and efficient control options.

INTERNATIONAL FORA & EVENTS

- Organization for Economic Co-operation and Development (OECD).
Air Management Policy Group re: NO/VOC inventory and control work to link with ECE Work; toxic rain (Priority Substance List chemicals e.g. benzene); potential air pollution from chemicals.
Energy and Environment Group: re air pollution from energy.
- Intergovernmental Panel on Climate Change (IPCC) - support to EC on emissions and control inventories and strategies.
- Senior Advisors on Environmental and Water Problems including the Working Party on Air Pollution Problems and the Task Force on the Control of Stationary Sources for VOCs.

- International Energy Agency (IEA) re: pollution from incineration and energy.
- Negotiation of protocol for VOCs.
- Executive Body for the Convention on LRTAP including the: Working Group on VOCs; Working Group on Abatement Strategies for SO₂, NO_x, VOCs; Working Group on Economic Effects.
- Re-negotiation of protocols on SO₂ 1994? and NO_x 1996.
- International Organization for Standardization - Vehicle Standards Group re: vehicle emissions standards.
- World Bank - possibility for influencing strategies on developments with possible air pollutants.
- Air and Waste Management Association (APCA) - variety of air pollution exchange of information.
- Negotiation transboundary air pollution accord with U.S.A. 1990.

COMMUNICATION PLAN

- Highlight Canadian participation through press releases.
- Inform Canadian stakeholders of progress through meetings and newsletters.
- Inform political parties and senior bureaucrats through briefing notes or meetings.

Section C

REQUIREMENTS

FINANCIAL REQUIREMENT

Current: To be determined

Additional: Growing international focus may require more.

HUMAN RESOURCES

Current: 1.5 PYs up to 10 PYs

Additional:

Section D

O P P O R T U N I T I E S

MINISTER

- Signing of protocols on SO₂, NO_x, VOCs.
- OECD Environment Ministers meeting, 1991.
- Bergen Conference, 1992.
- U.S./Canada Accord transboundary flux (probably Prime Minister).

DEPARTMENT

- Globe 90.
- F/P leadership on air pollution issues through CCREM and other institutional arrangements.

Section E

R E S U L T S A N D M I L E S T O N E S

RESULTS

- Improved Canadian technology for control and prevention of air pollutants.
- Harmonization of standards.
- Reduced tropospheric ozone.
- Reduced damage from acid rain.
- Acceptance of less polluting lifestyle changes.

C&P MILESTONES

Participation as required in the various meetings identified in section For a and Events.

Section F

A C C O U N T A B L E M A N A G E R A N D L I A I S O N

ACCOUNTABLE MANAGER

Mr. Peter Higgins

Director General
Environmental Protection

LIAISON

Mr. Vic Shantora

Director
Industrial Program Branch

C&P INTERNATIONAL AGENDA

RESOURCE MANAGEMENT

W I L D L I F E

Section A

R A T I O N A L E

ISSUE STATEMENT

Man shares this globe with a multitude of other living organisms, all of which depend for their very existence on the properly balanced and interconnected functioning of ecosystems. With increasing intensity, human activity has progressively disrupted natural ecosystems and has been stretching their limits to rebound. As the protection of ecosystems with their flora, fauna and habitat components gains recognition in the global community as an issue which must be dealt with if humans are to maintain themselves, C&P has an opportunity to capitalize on its expertise and its innovativeness, and become an influential leader in wildlife and ecosystem conservation.

C&P OBJECTIVES

- To advance the concepts of wildlife and habitat conservation.
- To provide leadership in the application of sound wildlife and habitat conservation strategies.
- To form solid partnerships to achieve desired ecosystem and species protection.
- To take a lead decision-making role in national and international fora where the power to act on behalf of wildlife and habitat resides.

C&P STRATEGY AND POLICY

- Ensure that legislation is in place to empower C&P to exercise its international obligations, and that it is implemented.
- Ensure representation at national and international fora where issues of significance for wildlife and habitat protection and conservation are discussed and action plans formulated.
- Be a signator to and implement bilateral (Canada-U.S.) and international agreements/conventions/treaties aimed at conserving wildlife and habitat (e.g., CITES, Ramsar, Porcupine-Caribou Herd Agreement, etc.)
- Ensure that all sectors are informed on flora, fauna and habitat issues by producing appropriate scientific publications and contributing to the knowledge base through state-of-the-environment reporting.

CONTRIBUTION TO AGENDA

- Monitor and provide data (including toxicology study results) to the international community on the status of species of international concern (e.g., polar bears, transboundary wolf packs, transboundary grizzly bears, whooping cranes, swift fox, black-footed ferret).

- Implement the international RAMSAR Convention for the protection of wetlands by declaring sites in Canada and promoting the a) signing of the Convention by non-signators such as Brazil and b) encouraging the declaration of sites in other countries around the world.
- Propose and implement legislation and agreements concerning wildlife and wildlife issues of international concern (e.g., Migratory Birds Convention Act, Agreements on Polar Bears, Snow Geese, Caribou, Canada/U.S.S.R. Arctic Exchange, the Convention on International Trade in Endangered Species (CITES), the North American Waterfowl Management Plan, Mexico/Canada MOU).
- Actively participate in the environmental working groups of the ECE, OECD, to ensure Canadian wildlife interests.
- Promote international standards for humane trapping.
- Increase links with CIDA and External Affairs whose assistance can greatly facilitate international conservation efforts.
- Negotiate Agreements/Treaties with countries with whom we share migratory populations (e.g., Costa Rica, Mexico, Brazil, Ireland, U.S.S.R., etc.).
- Form strong links and partnerships with international NGOs.

Section B

LINKAGES

DOMESTIC ACTIVITIES

- Develop co-operative working arrangements with provincial and territorial wildlife authorities.
- Inform and educate the public on wildlife and habitat issues and on the socio-economic benefits of maintaining these resources.
- Collaborate with NGOs for the protection of Canada's wildlife and habitat resources (e.g., LPBO, WWF Canada) and act as a national vehicle to represent their interests in the international community where required.
- Provide the secretariats for endangered species RENEW program and for the Committee on the Status of Endangered Wildlife in Canada (COSEWIC).
- Set annual harvest levels for migratory game bird species.
- Establish National Wildlife Areas and Migratory Bird Sanctuaries, Ramsar Sites and Western Hemispheric Shorebird Reserves.

INTERNATIONAL FORA AND EVENTS

- North American Waterfowl Management Plan - Program Review Committee meeting, U.S./Canada, semi-annually.
- North American Wildlife and Natural Resources Conference - 1990.
- ECE - Senior Advisors on Environment and Water Problems - Annual Conference. Working groups on Flora, Fauna and their Habitats; Environment/Economy Integration (ongoing).
- OECD - Environment Ministers Conference, 1991.
- CITES - Bi-annual Conference - Lausanne, 1989.
- RAMSAR - Bi-annual Conference, 1991.

- VHSRN - Western Hemispheric Shorebird Reserve Network.
- Washington Convention - Consider membership in working group to update the 1940 Convention on Nature Protection and Wildlife Preservation in the Western Hemisphere.
- International Waterfowl Research Bureau (IWRB) - CWS represents Canada on the Bureau which co-ordinates research on a continental level.
- IUCN Commission on Ecology and Working Parties.
- Committee of the International Ornithological Congress.

COMMUNICATIONS PLAN

- Supply briefing material to DM, Minister's and Prime Minister's Office on wildlife and habitat issues of international concern.
- Provide appropriate UN programs, CIDA, External Affairs and international NGOs with material on C&P's wildlife and habitat programs and initiatives.
- Publish RAMSAR Newsletter, Hinterland's Who's Who.
- Publish technical reports for the international scientific community of conservation specialists and wildlife-oriented reports for the SOE report series and chapter for the 1991 report.

Section C

REQUIREMENTS

FINANCIAL REQUIREMENTS

Current: Out of program funds.

Additional: None required at this time.

HUMAN RESOURCES

Current: 1 PY.

Additional: None required at this time.

Section D

OPPORTUNITIES

MINISTER

- ECE 1990 Regional Conference, 1990.
- OECD Environment Ministers Meeting, 1991.
- UNEP - Council Meeting, 1991.
- Global Conference on Sustainable Development 1992.

DEPARTMENT

- International Agreement on Polar Bear Conference, 1989.
- ISDC - 1989.

- Latin American Environment Ministers Conference, 1989 (Brasilia).
- CITES, 1989.
- North American Wildlife and Natural Resources Conference, 1990.
- International Symposium on Reindeer and Caribou, 1990.
- ECE - Senior Advisors on Environment and Water Problem, 1990.
- Globe '90, 1990.
- International Bear Conference, 1992.

Section E

RESULTS AND MILESTONES

RESULTS

- Demonstrated leadership and influence in the international community on wildlife and habitat conservation.
- Increased conservation and protection of the planet's flora, fauna and habitat resources as a result of Canada's involvement.
- Canada's migratory species and their habitat are protected in all the countries in which they reside for any period of time.
- Canada's wildlife protected by strict enforcement of import/export laws, treaties and agreements, that Canada's actions promulgated in the international community.
- Increased political and public knowledge of the pressures facing wildlife and their habitats.

C&P MILESTONES

- 1989-90 - Canada re-elected as WHSRN Council member.
- Canada member of ECE Working Groups on Flora, fauna and their habitats and environment/economy.
- 1990-91 - Canada re-elected to RAMSAR Board of Directors.
- Canada continues on IUCN Commission on Ecology, on Committee of Applied Ornithology and on IWRB.
- Agreements in place on migratory species conservation.

Section F

ACCOUNTABLE MANAGER AND LIAISON

ACCOUNTABLE MANAGER

Mr. Anthony Clarke

Director General
Canadian Wildlife Service

LIAISON

Mr. John Whiting

International Liaison Coordinator
Canadian Wildlife Service

C&P INTERNATIONAL AGENDA

RESOURCE MANAGEMENT

WATER / WATER ECOSYSTEMS

Section A

R A T I O N A L E

ISSUE STATEMENT

C&P is responsible for the overall management of Environment Canada's role in the sustainable development of Canada's fresh water and water ecosystems. As a leader in fresh water research and policy, it is incumbent upon Canada to demonstrate leadership in working towards solutions for global, multilateral and bilateral, regional and local problems. Participation in international fora also enables Canada to benefit from the experience and efforts of other nations and multilateral organizations in resolving national water issues.

C&P OBJECTIVES

- To improve the knowledge, expertise and authority required by C&P to provide national leadership in conservation of Canada's water resources and water ecosystems in an integrated and sustainable manner.
- To leader in resolving global environmental problems that pose a threat to Canada's water and water ecosystems.
- To assist the Canadian environmental industry in overseas marketing.
- To assist, in the delivery of Canada's aid to developing countries.

C&P POLICY AND STRATEGY

General

- Through international partnership approaches in water and water ecosystems, to provide environmental focus, data and information gathering, research and science, communications, education, policy and technical expertise.

Specific

- Establish national policies and procedures for information, administration, research, management, co-ordination and education on water and water ecosystems.
- Enhance Environment Canada's scientific, technical, managerial, communication and co-ordination capabilities in global water and water ecosystems.
- Develop closer partnerships with other countries and multilateral organizations so Canada can benefit mutually from the shared experience and results.
- Provide Canadian leadership in the international management of global environmental problems that pose a threat to Canada's water and water ecosystems.

- Assist the Canadian environmental industry to organize itself into an appropriate form for the overseas marketing of its expertise.
- Assist in the delivery of Canada's foreign aid in an environmentally sound manner.
- Participate and promote international meetings for broadening contact, communication and understanding on sustainable development between the scientific and policy-management communities, and the public.
- Encourage appropriate international experience, education and training at all levels for the management of water resources by sponsoring courses or exchanging research for operational and management personnel.

CONTRIBUTION TO THE AGENDA

- Meet international requests for Canadian data and information.
- Contribute knowledge and expertise to the international community on all aspects of water and water ecosystems research and management.
- Support attendance at international meetings that will address Canadian concerns in an international environmental context.
- Address the major environmental issues across Directorate and interdisciplinary lines.
- Use Canadian institutions, and Canadians located abroad, to train foreign technicians, scientists and managers in sustainable water and water ecosystems management and public policy.

Section B

L I N K A G E S

DOMESTIC ACTIVITIES

- Develop national strategic objectives to maintain and enhance ecosystem integrity through sustainable development.
- Develop a National Water Awareness Program.
- Develop targeted and integrated data collection systems.
- Encourage the establishment of a Canadian Water Industries Exporters Association (CWIEA) (a technology and consultancy marketing concept).
- Research and develop technologies that eliminate harmful effluents.

INTERNATIONAL FORA AND EVENTS

- UNEP: Governing Council Nairobi, Kenya in 1991 and 1993.
- OECD: Environment Minister's Conference in 1991 in Paris, France.
- Bilateral meetings with other developed countries to encourage science and technology exchanges; and with developing countries to assist them in developing their policies.
- Meetings of specific governmental and non-governmental (professional) organizations active in the water/water ecosystems field are being targeted for Canadian participation and support. Some 34 such organizations have been reviewed for their effectiveness in supporting federal water policy objectives.

- Initially target UNESCO's General Conference, in Paris, France, of Oct/Nov. 1989 for re-election to the International Hydrological Programme Council (in support of the Canadian chairperson).
- International conferences relevant to water and water ecosystems. Those being held in Canada include:
- 1989 23rd International Association for Hydraulic Research Congress, Ottawa: "Hydraulics and the Environment".
- 1990 International Symposium of the Water Resource Systems Application, Winnipeg.
- 1990 Globe 90, Vancouver, B.C.

COMMUNICATIONS PLAN

- Develop a communications plan to influence the policy and program agenda of targeted international organizations, particularly governmental.
- Develop and provide information to Canadian missions abroad on Canada's water industry and the CEIEA, and on Canada's international objectives for water and water ecosystems.
- Supply briefing material on Canada's water and water ecosystems for the government's use at international fora.

Section C

REQUIREMENTS

FINANCIAL REQUIREMENTS

Current: \$400,000 per year O&M currently provided for international activities.

Additional: None are required at this time (estimates will be reviewed as a result of this planning process).

Special: Financial resources used but cost-recovered from international organizations include \$400,000.

HUMAN RESOURCES

Current: 14 PYs.

Additional: None required at this time (estimates will be reviewed as a part of this planning process).

Training: An international human resources element will be incorporated into the C&P human resources plan for 1990/1991. This will address the training needs for those involved in international advice or participation activities.

Section D

OPPORTUNITIES

MINISTER

- UNEP Governing Council, Nairobi, Kenya, 1991 and 1993.
- UN Economic Commission for Europe (ECE) 1990 Regional Conference, Bergen.
- OECD Ministers Meeting, Paris, France, 1991.
- UN Global Conference on Sustainable Development, 1992

Section E

RESULTS AND MILESTONES

RESULTS

- Enhance Canada's leadership role and development of international support and credibility for Canadian standards, methods, equipment and expertise as the basis for similar international standards, etc.

C&P MILESTONES

- 1989: Canada re-elected to UNESCO IHP Council.
The concept of the CWIEA is developed.
- 1990: Globe 90, Vancouver
UN Economic Commission for Europe (ECE), 1990 Regional Conference
- 1990: WMO Technical Conference on the Economic and Social Benefits of Meteorological and Hydrological Services, Geneva.
- 1991: OECD Ministers meeting
Implement the Canadian redesign of the UNEP/WHO GEMS/WATER global water monitoring network.
- 1992: Support Canada's contributions to the UN Global Conference on Sustainable Development.

Section F

ACCOUNTABLE MANAGER AND LIAISON

ACCOUNTABLE MANAGER

Mr. Denis Davis

Director General
Inland Waters Directorate

LIAISON

Mr. François Guimont

Director
Program Coordination & Analysis

C&P INTERNATIONAL AGENDA

RESOURCE MANAGEMENT

N O R T H E R N E C O S Y S T E M S

Section A

R A T I O N A L E

ISSUE STATEMENT

Polar regions reflect a convergence of international interests and responsibilities. Although industrial development is severely limited in the Canadian sector of the northern polar region, long range global transport of pollutants across political boundaries threaten the preservation and enhancement of environmental quality. The indigenous people in the Canadian North rely on the harvesting of marine and freshwater resources and terrestrial wildlife for their continued well-being. C&P is a major source of scientific expertise, and for environmental management and protection in support of the federal government's retained responsibility for Yukon and the Northwest Territories.

C&P OBJECTIVES

- To promote a global awareness of northern ecosystems, their resources and threats to the sustained quality of these ecosystems and resources.
- To seek international support and co-operation for the prevention of disturbance or degradation to Arctic ecosystems and for implementing remedial measures to enhance socio-culturally important resources.

C&P STRATEGY AND POLICY

- Bolster ties between northern circumpolar nations as the basis for implementing further an international environmental agenda.
- Develop multilateral channels for ongoing information exchanges, pooling of scientific expertise, and scientific interchange between polar nations.
- Establish and maintain the scientific and data bases necessary to support a credible and defensible advocacy for international agenda items: environmental accountability, environmental linkages, global commons, pollution controls, resource management, etc. for northern ecosystems.
- Raise the level of international awareness of threats to the productivity, abundance and health of northern ecosystems.
- Create an international awareness of Canadian interests as a polar state and the circumpolar and global importance of protecting and conserving northern ecosystems.

CONTRIBUTION TO AGENDA

- Support the management and conservation of polar resources on an international basis through joint management, research, international agreements, etc.
- Participate in international fora for the exchange of scientific information and the sharing of data bases on a bilateral and multilateral basis.

- Maintain monitoring programs to assess the distribution and abundance of socio-culturally important resources.
- Join with other nations in the analysis of threats to northern ecosystems and resources, seeking preventative and remedial solutions.
- Raise global awareness of Arctic ecosystems through appropriate international devices to alleviate pressures on circumpolar environments.

Section B

LINKAGES

DOMESTIC ACTIVITIES

- Undertake those activities that are necessary within C&P to fully support the international agenda for northern ecosystems in an exemplary fashion.
- Develop the basis for support and co-operation with other federal and territorial agenda for northern ecosystems in an exemplary fashion.
- Develop the basis for support and co-operation with other federal and territorial agencies necessary to achieve the C&P agenda.
- Advance the prominence of issues involving northern ecosystems and their well-being on the political and public agenda within Canada.
- Seek to link northern ecosystem interests with other domestic and external issues in order to bolster the opportunities for action.
- Promote undertakings by government, universities, ENGOS and other interests that will bolster the foundation for Canadian efforts internationally and will increase domestic support for them.

INTERNATIONAL FORA AND EVENTS

- International conference on northern ecosystems, data and research programs and Arctic resources: e.g. water quality, pollution control, technology and engineering, polar bears, caribou, migratory birds, etc.
- Bilateral consultations, agreements and programs with circumpolar nations: e.g. Canada-U.S.A. consultations, Canada-U.S.S.R. exchange, Canada-Greenland migratory bird consultations and programs, etc.
- Multilateral fora, agreements and programs extending to or indirectly affecting northern ecosystems: e.g. ocean dumping, LRTAP deposition.
- Support to international organizations, events, media, etc. through other sectors within DOE (e.g. AES - WMO/air quality); and international agencies (e.g. OECD, EEC, World Bank, UN, UNEP, FAO, Unesco (MAB)).

COMMUNICATIONS PLAN

- Raise the public profile on international environmental issues in the Canadian North and Canadian positions via domestic media and events: press releases, program results, media briefings, etc.
- Present Canadian concerns and selected issues to foreign media and audiences in conjunction with international events and environmental crises.

- Insert northern environmental issues on the agenda for official visits to foreign countries and international fora by ministerial officials.
- Establish a communications network through the Department of External Affairs with Canadian embassies and consulates for the purposes of gathering information and monitoring changes in public attitudes.

Section C

REQUIREMENTS

FINANCIAL REQUIREMENT

Current: \$K per year O&M through program resources

Additional: Needs will depend on specific additional undertakings

Special: Those areas requiring significant involvement from other agencies (e.g. DIAND) may require additional incentives via contract, etc.

HUMAN RESOURCES

Current: Virtually nil.

Additional: Considerable opportunities.

Training: Ecosystem-based work tends to be highly specialized.

Section D

OPPORTUNITIES

MINISTER

- Proposal for Arctic Tour: Summer, 1989 or 1990.
- Warm-up leading to Prime Minister's visit to U.S.S.R.
- Preparations for Circumpolar Conference hosted by Finland.
- Global Conference on Sustainable Development.

DEPARTMENT

- CWA Agreement: Peace-Athabasca-Slave Rivers water quality monitoring program (Mackenzie River Basin).
- Further analysis of environmental contaminants in Arctic ecosystems and food chains (Broughton Island).
- Mackenzie Valley pipeline and other environmental assessment reviews (e.g. Kiggavik Uranium Mine).

- Jointly with DIAND: proposed amendments to Yukon Quartz and Placer Mining Acts/Territorial Lands Act for enhanced environmental protection; complete N.W.T., Yukon and Canada Water Quality Monitoring Agreements.

Section E

RESULTS AND MILESTONES

RESULTS

- Increased Canadian awareness of transboundary threats (international and provincial/territorial) to northern ecosystems.
- Maximum achievable international co-operation and support for averting risks to the sustained quality of northern ecosystems and resources.
- International acceptance of Canada's leadership role on environmental issues affecting northern ecosystems.
- Greater recognition of C&P contribution to the resolution of environmental issues and the preservation of environmental quality domestically and internationally.

C&P MILESTONES

- 1989: Minister's tour of the Arctic.
- 1989: Prime Minister's trip to U.S.S.R.
- 1989: Peace-Athabasca-Slave Rivers Water Quality Monitoring Program.
- 1989: Preparations for Finnish Circumpolar Conference.
- 1990: Implementation of Mackenzie River Basin General Agreement.
- 1990: Action for a Common Future: Arctic Ecosystems (Norway).
- 1990: Follow-up to Prime Minister's visit to U.S.S.R. (e.g. LRTAP).
- 1991: To be reassessed in 12 months.

Section F

ACCOUNTABLE MANAGER AND LIAISON

ACCOUNTABLE MANAGER

Mr. Bev Burns

Regional Director General
Western and Northern Region

LIAISON

Mr. Bill Brakel

Senior Economic Advisor
Western and Northern Region

C&P INTERNATIONAL AGENDA

SUMMIT

LA FRANCOPHONIE

Section A

RATIONALE

ISSUE STATEMENT

La Francophonie is a newcomer to the large family of international organizations. Its official existence dates from the first Francophone Summit held in Paris in 1985. The establishment of La Francophonie as a structured organization was a laborious process, reflecting the complexity of the relationship of this group of countries whose common official language is French. This organization has, therefore, not yet built up the same history and experience as the Commonwealth, the OAU and the EEC.

La Francophonie is characterized by the fact that it forms a microcosm of the current world context. It is a small number of rich countries interacting with a large number of poor countries. The bulk of the members of La Francophonie are African countries that have very low levels of development and resources.

Canada is part of this former group, along with such countries as France and Belgium. Canada's position as the only North American representative and the only member country that also belongs to the Commonwealth gives it a special status within this group. Canada is also a major participant in the provision of assistance to developing countries, and is internationally recognized as such. In the very specific context of La Francophonie, characterized by the problem of relations between developing and industrialized countries, Canada is expected to play a significant leadership role.

C&P's Objectives

The C&P's objectives are:

- Develop a position on the environment that takes into consideration the particular characteristics of La Francophonie, as well as the priorities of the Department and the Government of Canada. This position should be based upon the concept of sustainable development, of which Canada has become a recognized promoter. It must, above all, take into consideration the difficulties this concept represents for developing countries and propose tangible means the industrialized countries could offer developing countries for solving these problems.
- In terms of international assistance, which is so important in La Francophonie, ensure that Canadian programs take into account the necessary environmental principles within a context of sustainable development.

- Ensure that the Canadian position on the environment secures the recognition of Canada in the francophone community and has a beneficial influence on the positions these countries adopt on environmental problems at the international level.
- Ensure that the Canadian position in La Francophonie enables it to play a recognized international leadership role in the area of North-South relations on the environment, and more specifically, in the promotion of the concept of sustainable development throughout the world.

C&P's Policy and Strategy

- Develop a good understanding of the problems of La Francophonie and, more specifically, of the environmental issues that concern the member countries.
- Develop an effective network for communication among all the potential participants in Canada, both public and private, with particular emphasis on Quebec and New Brunswick, which have official status within La Francophonie.
- Develop a communications network within La Francophonie for the exchange of strategic information necessary for the development of the Canadian position on environmental issues in the organization.
- Base the environmental position of Canada in La Francophonie on the concept of sustainable development, taking into account its position in the area of North American Environmental technologies and its recognized role as a country open to international assistance.

CONTRIBUTION TO THE AGENDA

The environment was one of the themes of the last Francophone Summit held in Dakar in May 1989. Despite this fact, few projects have resulted from this Summit. This is an indication of the limited promotion of environmental issues within this group of countries. C&P plans to work intensively, starting with the follow-up on the Dakar Summit, toward developing the Canadian position on the environment within this organization, enabling this country to move as quickly as possible. To this end, the C&P plans to:

- pay close attention to the results of the Dakar Summit on environmental issues;
- once these results are obtained, provide the expertise necessary for the development of active Canadian participation in the next Francophone Summit;
- participate actively in the network of environmental decision-makers and pressure groups within La Francophonie in order to promote the concepts developed by Canada.

LINKAGES

DOMESTIC ACTIVITIES

Establish a national network with emphasis on the Canadian provinces represented in La Francophonie.

Using this network, develop fruitful relationships with the leaders of these provinces in order to ensure the consultations necessary for the development of Canadian positions.

Develop effective communications with the departmental External Relations Directorate and those involved with La Francophonie in other federal departments such as CIDA.

INTERNATIONAL EVENTS

As the major events are either the Summit itself or the preparatory meetings, the efforts of C&P will focus on providing the necessary support to ensure the relevance of the Canadian position on the environmental issues to be discussed at the Francophone Summit in 1991. To this end, an intensive follow-up will be undertaken on the decisions of the 1989 Summit. Contacts will be established and developed with the Agency for Cultural and Technical Co-operation (ACCT), which is the administrative organization of the francophone countries. The "Projet sur les grands fleuves", presented by Canada and adopted at the last Summit, directly involves C&P and, more specifically, the SLC. This first step will help understand the implementation process for such projects and thereby permit a better preparation to present projects at the next Summit.

COMMUNICATIONS PLAN

During the initial phase, communications will be primarily concentrated on the effective management of information related to La Francophonie. C&P Quebec Region will develop, through its communication network concerning this issue, a bank of information relating to the environment in francophone countries. This information will provide a better understanding of the current problems; it can also be made available to francophone partners so that they can acquire a fuller knowledge of the strategies of C&P and the Department.

REQUIREMENTS

FINANCIAL REQUIREMENTS

Operating costs of \$20,000 per year are estimated. Also, for the first year, an additional \$10,000 is required to develop knowledge of the international Francophone network.

HUMAN RESOURCES

One person-year is required to establish the network and to ensure co-ordination.

OPPORTUNITIES

FOR THE MINISTER

The fact that this is a new organization, the importance of the environment and the significance of the role played by Canada provide the Minister with an excellent opportunity to play a clear role among his counterparts in La Francophonie as the leader enabling the developed and less developed countries to join together on environmental issues in the organization.

FOR THE DEPARTMENT

The Department should use its participation in this issue to demonstrate the expertise it has at its disposal in several areas of interest to the francophone countries. Canada's special position of contact with North American technology on the environment should be taken into account. These technologies are not very well known by the francophone countries on other continents, but are likely to be useful for solving the environmental problems they are afflicted with.

RESULTS AND MILESTONES

RESULTS

The Department will have a well-structured framework at its disposal for developing its position within La Francophonie. The Department will have a good knowledge of the organization's environmental characteristics and participants.

MILESTONES

July 89:	Report on Dakar Summit.
September 89:	Current issues identified, problem established.
March 90:	Action plan.
January 91:	Projects for the 1991 Summit.
Ongoing:	Development of network.

ACCOUNTABLE MANAGER AND LIAISON

ACCOUNTABLE MANAGER

Jean Pierre Gauthier, Regional Director General, Quebec Region

LIAISON

Albin Tremblay, Director
Albin Tremblay, Co-ordination and Analysis

C&P INTERNATIONAL AGENDA

SUMMIT

COMMONWEALTH

Section A

RATIONALE

ISSUE STATEMENT

The Commonwealth is a family of nations which share a rich historical past. Commonwealth nations share similar forms of government and institutional arrangements, share a common language, and perhaps even more importantly, share common values. However, as everyone knows and recognizes, Commonwealth countries are far more than simply mirror images of one another. There are differences in the amount of wealth available in each country. There are differences in the average amount of income of resident populations, the amount of development each country has experienced, and wide disparities in the quality of life. Canada, as a nation that shares common ideals and values with other member nations, is in a position to provide a window on the world which can be used to help promote and successfully reduce some of these disparities for the good of all members of the Commonwealth including Canada. Canada is in a position to represent the views and as appropriate protect the interests of Commonwealth nations in other international fora in which Canada is a member (G7, UNEP, OECD). Canada can and should help others in the Commonwealth to promote and successfully implement sustainable development; development which optimizes the long-term use of existing resource in documents and adds to the quality of life of residents of each member state, rather than inevitably resulting in deterioration of the environment. DOE's wealth of expertise and experience should be put at the disposal of the Prime Minister, through the Minister of the Environment, so that Canada can raise the profile of environmental and resource development issue within the Commonwealth agenda. This approach is consistent with Canada's foreign and obligations and would establish Canada's leadership role in promoting a safe, clean global environment.

C&P OBJECTIVES

Within the context of the broader Canadian objective of helping improve the standard of living and quality of life in Commonwealth nations, C&P will:

- promote the concept and practices of sustainable development among Commonwealth countries within an international environmental protection framework,
- ensure that Canada's foreign aid activities (particularly CIDA's) are based on environmentally sound principles,
- enlist the co-operation of commonwealth countries in resolving international environmental issues and managing global commons.

C&P STRATEGY AND POLICY

- Exchange information and scientific data with Commonwealth countries in a more consistent and formal manner.
- Establish a focus within the DOE for developing a network of contacts with Commonwealth nations for dealing with environmental problems of member nations. The networking should encompass a broader range of participants than merely government agencies. It should include Engos, church missionaries, and trade missions.
- Assist in identifying, prioritizing, and analyzing the environmental problems facing member nations.
- Provide member nations with access to Canada's background and experience/in as much as is necessary to foster implementation of environmentally sound policies and the development of appropriate legislation.

CONTRIBUTION TO AGENDA

- Respond positively to requests for information and advice from Commonwealth countries.
- Assist CIDA and External Affairs in assessing foreign aid projects and as necessary, help in developing environmental policies and guidelines for development in these countries.
- Support Canada's participation at Commonwealth Conferences in 1989 and 1991 by providing briefing notes, undertaking analysis and providing other necessary documentation.

Section B

L I N K A G E S

DOMESTIC ACTIVITIES

- Liaise with External Affairs to help ensure a good overall understanding of environmental and resource development issues.
- Establish informal contact with Commonwealth nation embassies in concert with Corporate Planning Group, External Affairs Directorate and External Affairs officials.

INTERNATIONAL EVENTS

- In addition to the biannual meeting of head of States/government, Canada's major communications link with Commonwealth countries are through the bilateral relationships that have been established with a number of individual member nations through such international organizations as the UN, WAMO's, FAO, UNESCO, UNFP and, to a more limited extent scientific and industry associations. These relationships should be used to further strengthen C&P's ability to contribute to Canada's total effort on behalf of the Commonwealth and improving the global environment.

COMMUNICATIONS PLAN

- Internal
- Establish within C&P, the Director General of Pacific and Yukon Region as the focal point for Commonwealth related activities by:

- circulating business plans and activities reports through formal briefing materials and internal newsletter;
- seeking the help, assistance and cooperation of the various directorates and branches in meeting stated objectives.
- External
- Supply material and information analysis on Commonwealth-related environmental issues to support activities of the Prime Minister and the Minister of the Environment through normal channels as appropriate or otherwise requested.
- Provide C&P scientific information, technical data, and professional analyses to External Affairs for use in Canadian embassies of Commonwealth nations.

Section C

R E Q U I R E M E N T S

FINANCIAL REQUIREMENTS

None required at this time.

HUMAN RESOURCES

None required at this time.

Section D

O P P O R T U N I T I E S

MINISTER

- Support the PM's attendance at the Commonwealth Summit in October 1989 and possibly address the Summit.
- The Vancouver 1990 Conference (Global 2000) provides an opportunity for meeting Environment Ministers of Commonwealth countries and possibly Canada could host a dinner reception.
- In the context of the UN Conference on Sustainable Development, meet Environment Ministers of the Commonwealth countries to exchange views and reinforce bilateral commitment to sustainable development.
- As part of the OECD meeting of Environment Ministers in 1991 in Paris, meet British, Australian and New Zealand Commonwealth Environment Ministers.

DEPARTMENT

- Table a report at CCREM in response to the request by the provinces to be kept informed about international environmental issues and activities.
- Aside from communications and operational activities, no specific opportunities need to be identified for the Department and C&P as the

Commonwealth Summit is exclusively limited to Ministers and the Head of States/Government. The task of the Department is to support the PM and Minister.

Section E

RESULTS AND MILESTONES

RESULTS

- Improve the profile of environmental and resource conservation issues within the context of the Commonwealth Summit.
- The recognition Canada receives as a leading nation in bringing about greater understanding of the need for all countries to protect the environment will at least partially depend on the success Canada has in bringing a better focus on environmental issues within the community of Commonwealth nations. The success of Canada in encouraging a better focus on the environmental issues among Commonwealth nations partially depends on the quality and accuracy of advice and information provided by C&P to the PM and the Minister of the Environment.

C&P MILESTONES

- 1989: For the Commonwealth Summit in October:
 - prepare documentation file to be used by senior DOE officials;
 - prepare DOE position paper as well as responding to other government documentation as they relate to 1989 Summit;
 - follow up briefing documentation for circulation within the department on Summit outcome.
- 1991: Ensure that the results from 1989 Summit are used to establish a solid platform for further progress in the Summit of 1991.

Section F

ACCOUNTABLE MANAGER AND LIAISON

ACCOUNTABLE MANAGER

Mr. Earl Anthony

Regional Director General
Pacific and Yukon Region

LIAISON

Mr. William Sinclair

Senior Economic Advisor
Pacific and Yukon Region

C&P INTERNATIONAL AGENDA

BILATERAL RELATIONS

CANADA / U . S . R E L A T I O N S

GREAT LAKES

Section A

R A T I O N A L E

ISSUE STATEMENT

The Great Lakes -- Superior, Michigan, Huron, Erie and Ontario -- are an integral part of the physical and cultural heritage of North America. The water of the lakes and the many resources of the Great Lakes basin have played a major role in the history and development of the United States and Canada. Some of the world's largest concentrations of industrial capacity are located in the Great Lakes region. Nearly 25 percent of the total Canadian agricultural production and seven percent of the American production are located in the basin. One of the greatest problems facing Canada-United States relations is the seeming lack of priority given Canadian issues on the U.S. agenda. Seventy-five percent of the Canadian population lives along the Canada/U.S. border while the reverse proportions apply in the United States. With respect to the Great Lakes, 25 percent of Canadians live in this region and ten percent of Americans. This creates an imbalance in perceptions. C&P must continue to rely on the institutions, agreements and MOUs in order to ensure that Canadian issues remain on the agenda of the United States. Despite the different approaches to environmental issues in Canada and the United States, under Free Trade and as a result of the globalization of environmental issues in Canada and the U.S., there will be a forced harmonization of policy, and C&P must be prepared to make this adjustment.

C&P OBJECTIVES

Within the overall context of existing and improving Canada-U.S. relations vis-à-vis transboundary environmental concerns, C&P will:

- manage, with the United States, the restoration and maintenance of the Great Lakes basin. The Great Lakes are one of the most critical and sensitive transboundary areas, including wildlife, water, air, spills and pollution.
- improve on the delivery of the objectives of the revised Great Lakes Water Quality Agreement and demonstrate firm leadership in the implementation of control measures to clean up the lakes.
- capitalize on the good working relationship that exists between Canada and the United States and promote the resolution of global environmental issues.

C&P STRATEGY AND POLICY

- Work in partnership with provincial, U.S. federal and state agencies to build new consensual, science-based, responsive structures to ensure the resolution of transboundary environmental issues with the objective of promoting the acceptance of sustainable development.
- Work with other federal, provincial and U.S. state and federal agencies to develop comparative standards and common measurement criteria for monitoring the water quality of the Great Lakes.
- Encourage and promote dialogue between scientific, technical and non-governmental actors in Canada and the United States.
- Pursue a co-ordinated pro-active communication strategy.

CONTRIBUTION TO AGENDA

- Respond positively to requests for information and advice from U.S. counterparts working on Great Lakes issues.
- Build and solidify relationships with representatives of the Great Lakes states and the U.S. Environmental Protection Agency in order to increase Canada's ability to influence change on other bilateral issues.

Section B

L I N K A G E S

DOMESTIC ACTIVITIES

- Work closely with other federal agencies and provincial governments on environmental and resource matters regarding existing and potential transboundary issues of the Great Lakes basin.
- Maintain a strong science presence on transboundary issues.
- Strengthen and maintain the participation of C&P in Canada-United States agreements and institutions.
- Continue to develop relations with the Province of Ontario through the Canada-Ontario Agreement Respecting Great Lakes Water Quality thereby ensuring Canada's full implementation of the terms of the Canada-U.S. Great Lakes Water Quality Agreement.
- Monitor and report on U.S. science and technology developments.

INTERNATIONAL FORA AND EVENTS

- Continue to participate and support the involvement of Environment Canada in the International Joint Commission. Continue participation in IJC Semi-Annual Meetings and IJC Biannual Great Lakes Water Quality Meetings.
- Continue to participate in annual meetings of the Minister of the Environment and the Administrator of the U.S.EPA, Secretary of the Interior (parks, fish and wildlife), and Secretary of Commerce (weather).
- Encourage increased Canadian participation and monitoring of the Council of Great Lakes Governors and Premiers in order to gain a greater understanding of the states' perspective and in order for the U.S. Governors to gain a greater understanding of regional and geographical environmental issues in Canada.

- Encourage participation in conferences relevant to Canada/U.S. transboundary issues, in particular, attend GLOBE '90 and organize a special booth on the Great Lakes.
- Use the opportunity presented by international conferences to strengthen Canada/U.S. relations. Pursue the possibility of bilateral conference on the Great Lakes co-sponsored by Canada and the United States.

COMMUNICATIONS PLAN:

- Highlight the successful Canada/U.S. co-operation that currently exists on transboundary issues, particularly in light of the recent progress.
- Continue to produce joint technical reports and studies relating to the Great Lakes emphasizing the co-operation of Canadian and American scientists. This can be done through joint press releases.
- Strengthen ties with binational Great Lakes ENGOs and industry groups.
- Continue to keep environmental groups abreast of progress through the distribution of summary records from bilateral meetings and the release of progress reports as required by the revised GLWA.

SECTION C

R E Q U I R E M E N T S

FINANCIAL

Out of program funds.

HUMAN RESOURCES

Out of program resources.

SECTION D

O P P O R T U N I T I E S

MINISTER

- Meeting of Prime Minister and the Council of Great Lakes Governors and Premiers in Ottawa, Minister in attendance.
- Minister to speak at the IJC Annual Meeting in Hamilton, Ontario.

DEPARTMENT

- Release of Interdepartmental Report on Toxics in the Great Lakes.
- Inclusion of a chapter on the Great Lakes in the SOE Report.
- Participation of the Great Lakes Environment Office in the GLOBE '90.

Section E

RESULTS AND MILESTONES

RESULTS

- Enhanced visible leadership role for DOE C&P in research and development of methods and techniques in pollution abatement and Great Lakes clean-up.
- Will help to ensure the full and expeditious implementation of the revised Great Lakes Water Quality Agreement.
Increased importance of Canadian environmental transboundary issues on the U.S. agenda.
- Economic rejuvenation and development prospects as a result of environmental rehabilitation of the Great Lakes.

C&P MILESTONES

- 1990 - Globe 90
- Release of the Second Report of Canada under the 1987 Protocol to the 1978 Great Lakes Water Quality Agreement.
- 1992 - Participate in UN Global Conference on Sustainable Development. If Canada is the venue for this Conference then encourage the placement of a transboundary issue (i.e. Great Lakes) on the agenda.
- Pursue the idea of a major conference on sustainable development and the Great Lakes. Could be co-sponsored by Canada and the United States.

Section F

ACCOUNTABLE MANAGER AND LIAISON

ACCOUNTABLE MANAGER

Mr. Dave Egar

Regional Director General
Ontario Region

LIAISON

Mr. Ron Shimizu

Director
Great Lakes Environment Office

C&P INTERNATIONAL AGENDA

MULTILATERAL ISSUES

P A C I F I C R I M

Section A

R A T I O N A L E

ISSUE STATEMENT

Canada is proud to share the Pacific Ocean, and in particular the northern segment of this vast and diverse area, with what are currently the largest and most rapidly growing nations on earth. The Pacific Rim encompasses most of the few remaining truly environmentally pristine areas of the world. Up until the early 1950's, economic development on the Pacific Rim was slow and in some cases, for some nations, almost non-existent. This is no longer the case. Economic growth in many Pacific Rim countries has outstripped most nations throughout much of the last two decades. With very large populations, the growth and development in these countries is having a positive effect on human welfare and trade within the area. However, this same growth and development can have major negative environmental and resource-use consequences if not properly managed. Of particular concern to Canada and DOE is the need to help ensure that the type and volume of economic growth that takes place is consistent with maintaining a clean environment. Canada wants to ensure that the practices and principles employed to further these ends are in harmony with sustainable development and compatible with other obligations which Canada shares with the world community (OECD, UNEP). This not only serves the interests of Canadians living on the Pacific Coast, but represents a commitment by the Canadian Government on behalf of all residents of Canada to work with other nations to protect the relatively pristine conditions of the North Pacific for the collective good of all mankind.

C&P OBJECTIVES

In conjunction with the overall commitment of the Federal Government and the provinces to broaden Canada's trade and other relations with other nations. to:

- work with other nations both formally and informally to promote the Canadian position and approaches to address environmental issues as they relate to growth and development on the Pacific Rim;
- safeguard the quality of the environment of the ecosystems of Pacific Rim in which Canada has direct obligations and interest,
- enhance environmental program activity through co-operative measures with other nations and border states as they relate to DOE's and C&P's water, wildlife, and environmental protection responsibilities.

C&P STRATEGY AND POLICY

- Outline the policies and implement the programs which could serve as an example to other Pacific Rim nations for protecting water and air quality, supporting and sustaining wildlife populations, and effectively addressing those problems associated with commercial activities and developments.

- Develop and expand the networking necessary to facilitate the introduction and use of accords, agreements and legislation which support C&P program delivery.
- Reinforce existing partnerships with other countries, levels of government, OGD's, the private sector and the public to properly address the increasingly complex environmental issues facing nations on the Pacific Rim into the next century.
- Establish a fully adequate response capability for dealing with environmental emergencies off the Canadian West Coast and adjacent waters.
- Work with other nations to develop comparative standards, common measurement criteria, and interpretive procedures for monitoring environmental quality and assessing impacts.

CONTRIBUTION TO AGENDA

- Provide a better overall balance for DOE and C&P's international efforts by raising the profile of West Coast environmental issues so that it better reflects the growing importance of the Pacific Rim on the world scene.
- Position C&P to capitalize on the emergence of Pacific Rim nations as a major commercial and trading block within the world economy.
- Build and solidify relationships with representatives of environmental agencies and institutions on the Pacific Rim to increase Canada's ability to influence changes that better serve Canadian environmental interests within the global community.

Section B

L I N K A G E S

DOMESTIC AND INTERNATIONAL ACTIVITIES

- Commence preparing a resource and economic development information base to provide the background necessary to monitor and remain abreast of the state of the environment on the Pacific Rim.
- To the extent possible, inform Pacific Rim nations about the Canadian approaches to resource conservation to promote better overall environmental accountability among member nations.
- Participate in providing a domestic focus for maintaining an effective relationship with the U.S. through EPA and State environmental agencies to engender good co-operation and collaboration for managing resources and attending to environmental emergencies.
- Encourage environmental institutions and agencies to attend Global 90 in Vancouver.
- Prepare documentation for possible attendance of senior representative of the Department or Government to attend the sustainable development conference sponsored by Japan.
- Promote Canadian environmental participation in the UN Executive Body for Asia as an observer.
- Strengthen relationship with Pacific Rim members of the OECD environmental committee (Japan, Australia, New Zealand) to establish Canada as a country with vital interest in the environmental issues of the Pacific Rim.

COMMUNICATIONS PLAN

- Assist in the preparation of a communications package for Global 90, which emphasizes the need for an emergency response capability to protect the Pacific Ocean from the environmental damage which can occur from increased trade and the resulting growth in transportation and development.
- Assist in preparation of press releases for circulation to embassies and consulates on reports, studies, and position papers prepared by Government with respect to environmental issues which are of interest internationally.
- Prepare an article for internal newsletter to increase employee awareness of environmental problems of the Pacific Rim.
- Arrange regularly held information exchange sessions with representatives from the provinces, U.S. environmental agencies, industry, and ENGO's.

Section C

REQUIREMENTS

FINANCIAL REQUIREMENTS

None required at the present time.

HUMAN RESOURCES

None required at the present time.

Section D

OPPORTUNITIES

MINISTER

- Propose that the Minister of the Environment attend Global 90 Conference.
- Propose the attendance of the Minister of the Environment at the Conference on sustainable development being sponsored by Japan.
- Propose that the Minister of the Environment give consideration to hosting the political leaders responsible for environmental protection in countries bordering on the Pacific Ocean to discuss environmental and emergency response/planning issues of mutual concern.

DEPARTMENT

- Participation in Global 90 Conference and Exhibit.
- Strengthen C&P linkages with Pacific Rim countries through work undertaken as a result of membership in OECD.

- Strengthen C&P's relationships with Pacific Rim countries through family of UN institutions in which Canada currently participates.
- P&YR RDG participation on provincially-led delegations to Pacific countries so that federal environmental concerns are raised as appropriate.

Section E

RESULTS AND MILESTONES

RESULTS

- Provides a mechanism for conducting regular meetings with representatives of environmental agencies from bordering jurisdictions to discuss issues of common concern.
- Will help to ensure regular reviews of international framework for dealing with emerging wildlife, water, and air protection issues.
- Increase influence of DOE and C&P through regular participation in international fora hosted or sponsored by Pacific Rim nations.

C&P MILESTONES

- 1989: Prepare and circulate documentation necessary for C&P participation in Global 90.
- 1991: Prepare the first of what could be regular synopses on Pacific Rim activities and associated environmental concerns for Canada.

Section F

ACCOUNTABLE MANAGER AND LIAISON

ACCOUNTABLE MANAGER

Mr. Earl Anthony

Regional Director General
Pacific and Yukon Region

LIAISON

Mr. William Sinclair

Senior Economic Advisor
Pacific and Yukon Region